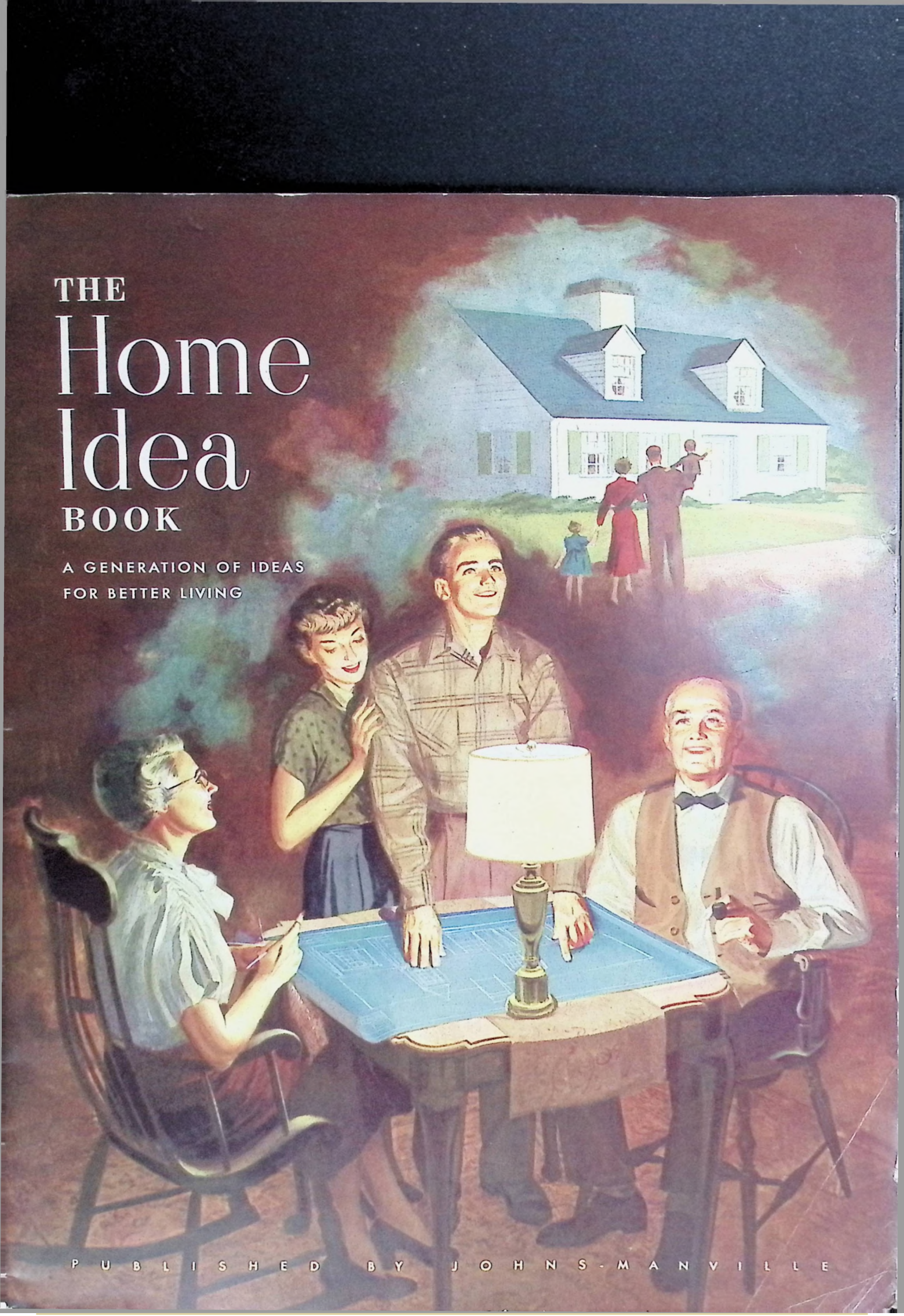


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Ideas for

INTERIOR REMODELING



Almost every homeowner has said to himself at one time or another, "Oh, if only we had another bedroom." Or, perhaps, "wouldn't it be wonderful if we had a second bathroom." And still others, "what this house needs is more closet space." One of the objectives of "The Home Idea Book" is to show you how it is often possible to have these extra rooms and extra conveniences as a result of a simple, thoroughly practical and economical remodeling job.

But this book has another important role in connection with the interior of your home—namely to give you ideas for modernizing *existing* rooms, making them more practical and convenient, more attractive in appearance and more economical to maintain.

For example, have you ever looked at your kitchen critically and wished it were one of those modern, colorful, streamlined kitchens you read about in the magazine ads? Have you had the same feeling about your bathroom? Have you taken a close look recently at the walls and ceilings of other rooms and wondered what in the world you could do about them? We hope you will find the answers to these and other similar questions within these pages.

suggestions for interior improvements

The entire first half of this book is devoted to ideas and suggestions for improving and beautifying the interior of your home. Here too you will find illustrations and descriptions of a number of new building materials that are ideally suited for interior remodeling work and are just as practical for use over old walls and ceilings as they are in new construction.

Colorful, durable, easy-to-handle and apply, these new materials and new methods combine to provide low-cost remodeling that can bring new convenience and comfort to every member of the family.

How to recover wasted space in the attic; how to gain a basement recreation room; the complete story of home insulation; sparkling, streamlined kitchens and bathrooms; these are just a few of the practical possibilities for comfortable living today at moderate cost.

almost any home can be "done over" inside

If you feel your house is not adequate, remember that every day more and more older homes, built even generations ago, are being "done-over", their interiors being brought "right up-to-the-minute."

In fact, existing houses quite often offer distinct advantages. In many cases they enjoy choice locations in established communities close to excellent schools, shopping and transportation. Friends and neighbors of long standing are invaluable assets. Utilities, police and fire protection are highly developed and dependable elements.

Weigh all these factors in favor of your house and then take another look around. Perhaps all your home actually needs is some skillfully planned remodeling. Imagination and modern building materials can work wonders toward achieving beautiful decorative interiors in practically every room in the house.

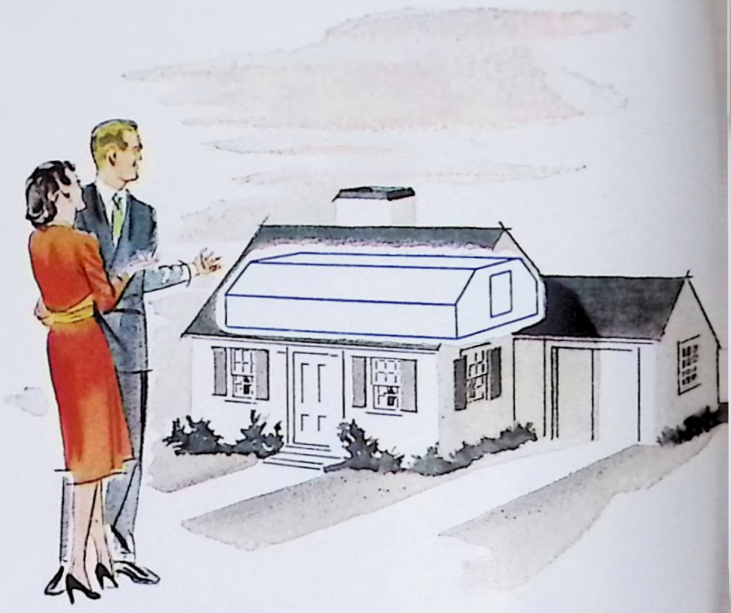
start a remodeling program of your own

Doing over parts of the home and especially interiors has become another favorite American pastime. Planning the work, studying how the plan can be executed and perhaps carrying out certain parts of it yourself can give lots of pleasure and self-satisfaction. As a starting point, may we suggest that you visit your local Johns-Manville Building Materials dealer. Let him show you how, because of the great strides recently made in the development and improvement of wall and ceiling materials, beautiful rooms are today within the reach of anyone who owns a home.

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what you can do with your

ATTIC



With the critical housing shortage facing us today, the attics of many existing dwellings have taken on a new and greater importance. In this space which may be going to waste, the new Johns-Manville Decorative Insulating Boards can be used advantageously to build an extra bedroom or even a complete income-producing, housekeeping apartment.

It is no difficult trick to determine how big a room you can have, and its general arrangement. Built-in fixtures, closets and shelving should be located to suit greatest convenience and economy of space. Then, in no time at all, any additional framing lumber that may be needed can be quickly installed. Now all that is required to complete the job is to apply Johns-Manville Panels or Plank to the walls and ceilings and trim with simple moldings.

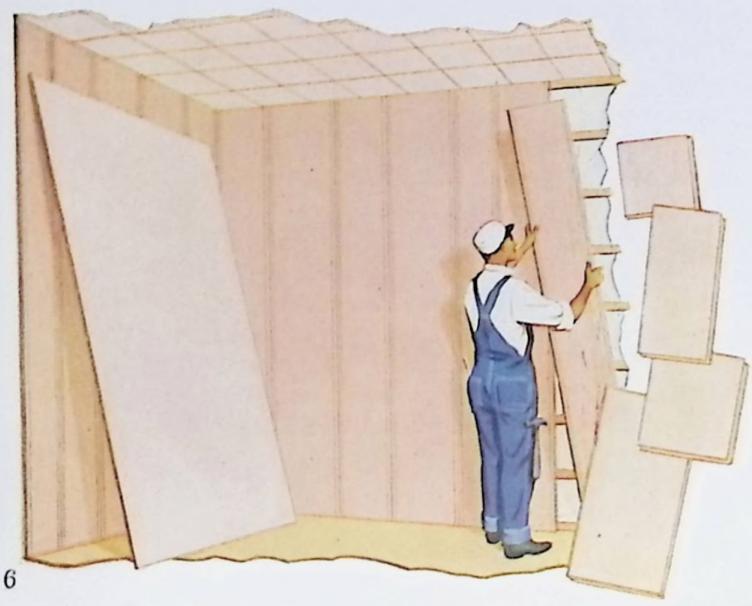
attractive extra rooms at low cost

Because Johns-Manville Insulating Board is pre-decorated at the factory, it provides marked economies when used for modern "dry wall" interior construction. The panels, plank, and large building boards can be combined in a variety of interior treatments suitable for almost every type of room. The soft pastel colors provide a pleasing decorative effect and *no further finishing treatment is needed.*

The new Glazecoat finish is unusually durable and adds character to the appearance of walls and ceilings. Cleaning is easy. The material can be painted if desired, to match any color scheme. No priming is necessary, and either oil or water paint may be used. Glazecoat Panels and Plank come from the factory with the edges specially cut so the units fit together with all nailing concealed. The beveled edges add a richness to the room customarily found only in far more expensive methods of construction.

new materials that save you money

At Natchez, Miss., and at Jarratt, Va., Johns-Manville performs a manufacturing miracle to make this kind of a building job better, and more economical. Here, from logs of the native pine trees, this new structural insulating board is made—a board that literally improves on Mother Nature. Through a remarkable process of manufacture, the tough pine fibres are processed into a homogeneous board, structurally strong and highly effective as an insulating material. Ideally suited for use on interior construction, J-M Insulating Board is preformed into a variety of shapes





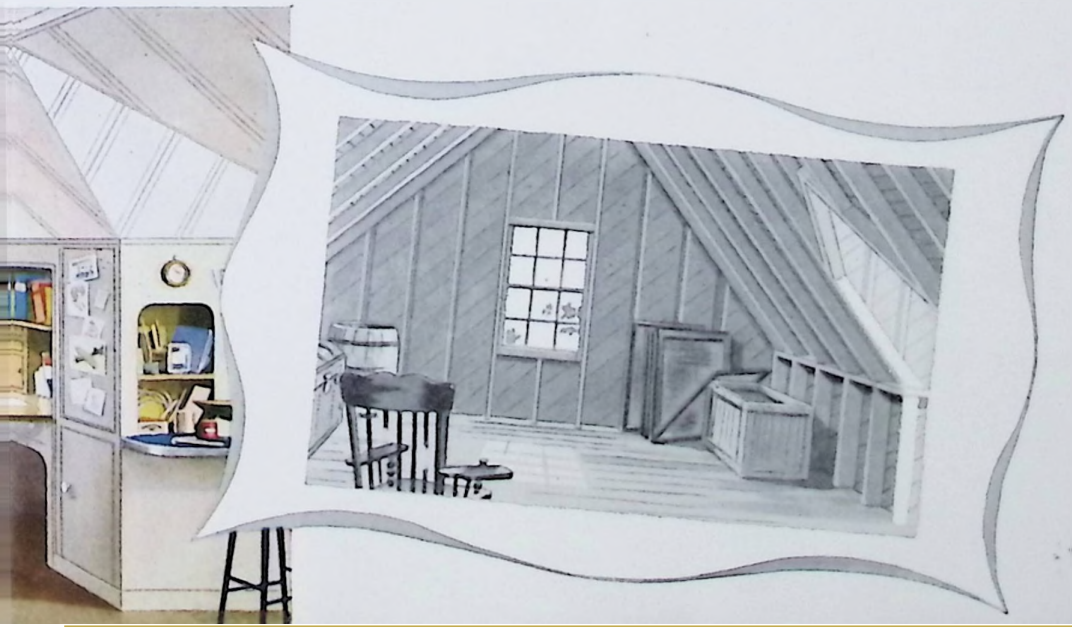
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This delightful attic room can serve a score of needs. Use it as a nursery for a newly-arrived toddler . . . as a personal room for teen-age youngsters . . . as a perfect spot for week-end visitors. Glazecoat Wall Plank in Ivory is used for the walls and Glazecoat Panels for the bright, light-reflecting ceiling.

—beveled panels for beautiful, trouble-free ceilings—beveled plank for attractive interior walls—big 4-foot-wide sheets of general purpose board which cover large areas quickly, easily and economically.

These modern building products save you money in building or remodeling because they accomplish three results: They build, they decorate, and they insulate all at one time!

On the following pages you will find ideas and suggestions for creating other attic rooms: a hideaway study for Dad, a sewing room for Mother, the overnight guest room you've always wanted. Just remember, when you plan your room, to provide plenty of floor space, adequate fresh air, heat, and an accessible stairway. And to insure a room that is cool and comfortable in summer, warm and pleasant in winter, insulate between the rafters with an efficient material such as J-M Rock Wool.



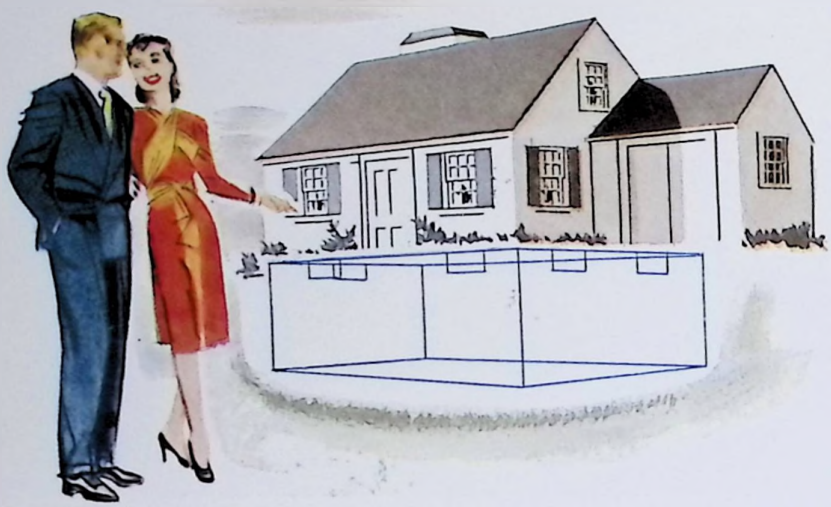
Can you visualize the possibilities this wasted attic space actually offers? Then consider how those sloping rafters and upright studding afford a ready-made framework for a finished, usable room of very generous size.

What boy wouldn't appreciate the new room *(left)* created in that wasted space! It's just the place for his studies, his hobbies and his "colleagues" when they come visiting. Glazecoat Plank and Panels made it a simple, economical remodeling job. Notice the interesting and novel built-in bunk, desk and shelves.

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what you can do with your

BASEMENT



Illustrated below is an interesting yet economical treatment for basement walls and ceilings using J-M Insulating Board. Large sheets, in Ivory color, have been used for the wall at left. The same material, painted a harmonizing color, has been used for the wainscoting below the chair rail. The other walls of the room are J-M Glazecoat Plank in Rosetan. Ivory Panels provide the attractive ceiling. The flooring is J-M Terraflex Floor Tile.

Creating a useful room in wasted basement space is no more difficult than in the attic. And what a grand place for parties! If the basement is dry and has adequate ventilation, there is practically no limit to what you can do in gaining an extra living room, game room, hobby shop or den. Let's consider the facts.

Successful basement rooms need not be pretentious. With the help of J-M Insulating Board, it takes only a short time and only modest expense to convert unsightly or unused cellar space into practical livable rooms like those shown on these pages. Think how much recreation and pleasure such a room could bring to your family.

Since most basements are of masonry construction, it is recommended that a framework of inexpensive lumber be placed along the walls to receive the Johns-Manville Insulating Board.

a quick, easy job

Erecting this light framework is a simple task. Nor will it prove difficult to plan the location of wall partitions to enclose the heating plant or laundry, if desired. With a little imagination, it is usually easy to conceal or disguise plumbing pipes and supporting columns. Light furring strips nailed to the floor joists of the upstairs room may serve to support an attractive ceiling of Johns-Manville Glazecoat Panels.

Active youngsters especially appreciate another living room where the furnishings are built to stand up under hard punishment—and the new basement room



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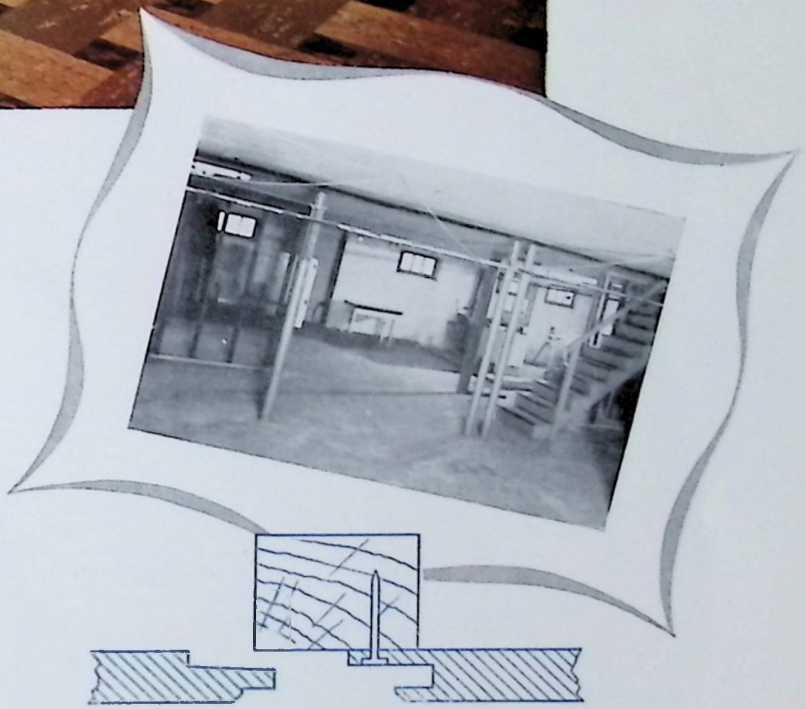


This spacious and charming "extra" living room was formerly the wasted basement shown at the right. The walls are of J-M Glazecoat Insulating Board in large 4' x 8' sheets applied horizontally, with colorful moldings at the joints. The ceiling is made of Glazecoat Panels. Many rooms like this have been built by home hobbyists with little or no outside help.

is by far the best answer as to where to put your television set, real or proposed! Remember, your basement room can be as simple or as elaborate as your needs or tastes dictate. Installing Glazecoat ceiling panels and even one or two economical Glazecoat wall plank partitions will bring striking changes in the whole complexion of the space.

That is the way most basement rooms begin, quite simply. Usually some member of the family runs out of space in pursuing a hobby or a job and the overflow finds its way downstairs to the basement. Other members soon find reasons and opportunities for using more space and planning the new room becomes an exciting new topic for all.

Just be sure to provide plenty of illumination that floods the whole area. Lighting fixtures can be easily recessed into the Glazecoat panelled ceiling, thus avoiding the nuisance of electric wires trailing along the floor and creating a hazard. Remember too that the walls offer opportunities for "built-in" features.



LIGHTNING JOINT CONCEALS ALL NAILING

As shown in the above diagram, the beveled edges of J-M panels and plank are designed in such an ingenious way that no disfiguring nail heads are visible. This famous "Lightning Joint" also saves time during application. The units fit together quickly and smoothly, require no further finishing.

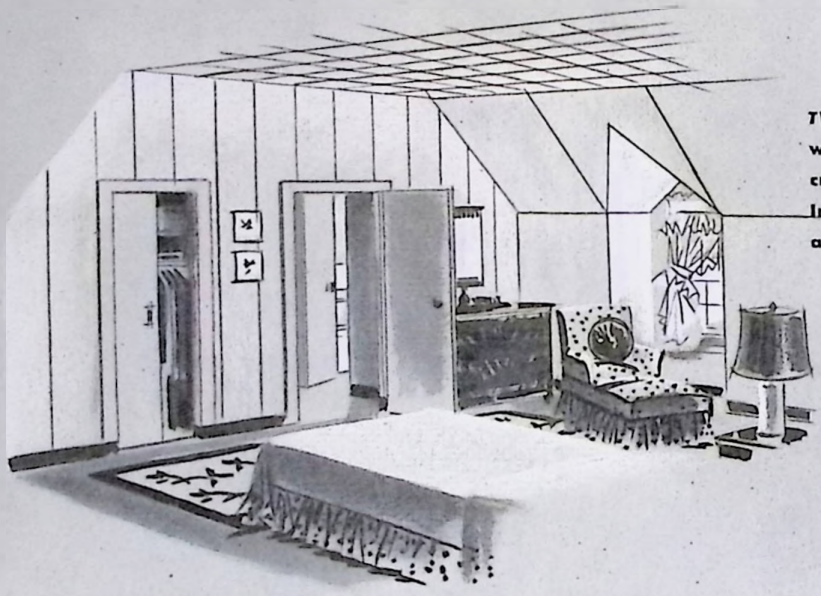
Add a colorful floor of J-M Asphalt or Terraflex Tile, some gay curtains, bright colored furniture and your basement room becomes a cheery, comfortable, quiet new place for the whole family to enjoy—thanks to low cost J-M Decorative Insulating Board.

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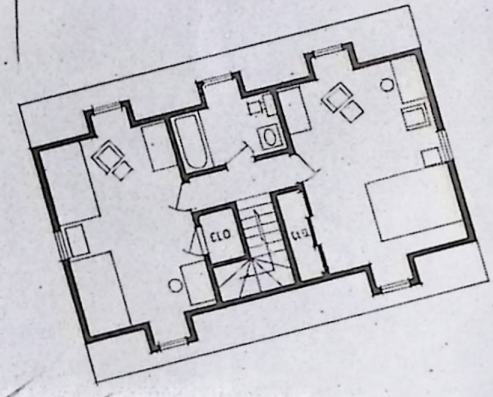
MORE IDEAS

for extra rooms

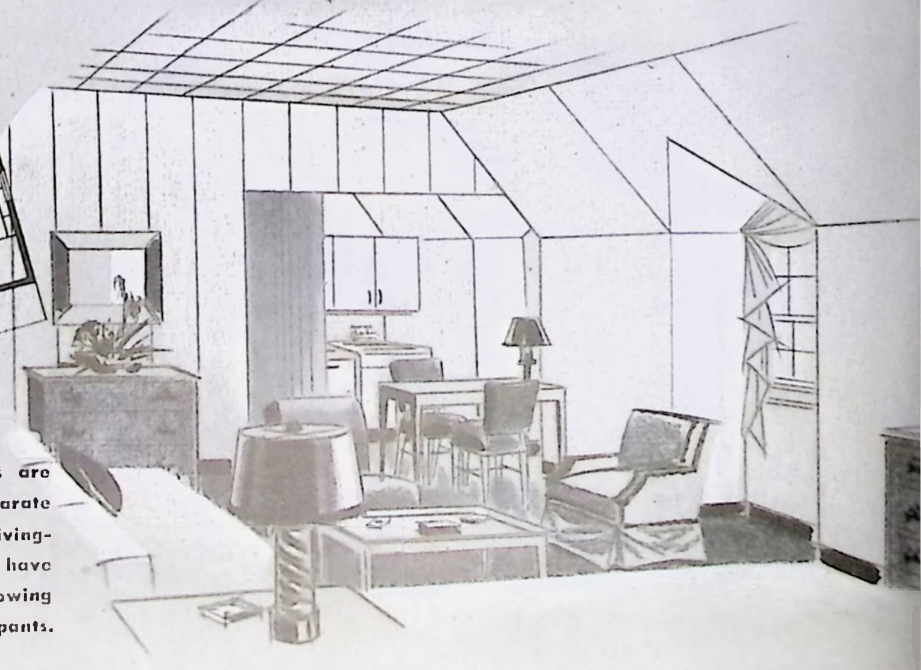
The sketches of rooms built of J-M Insulating Board illustrated on these pages show sound, workable ideas which can prove helpful in planning one or more "new" rooms in your home. Whether you desire a modern income-producing apartment complete with all housekeeping facilities, or a special purpose room of one type or another, the artist presents a selection of possibilities which will appeal to every member of your family.



TWO BEDROOMS AND BATH—Adding two full-size attic rooms with bath in-between, will usually handle any ordinary increase in the size of a household. And J-M Glazecoat Insulating Board can help do the job more attractively, and at only moderate cost for so valuable an improvement.

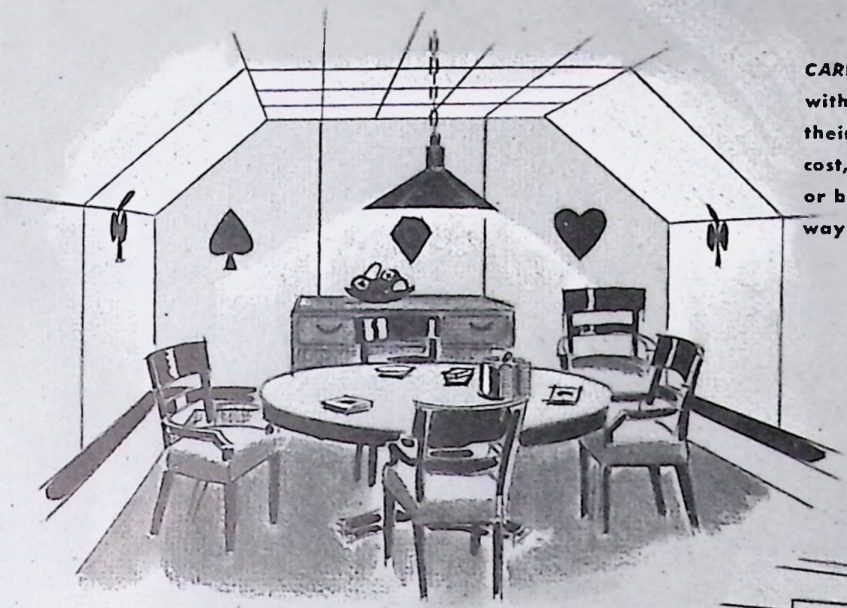






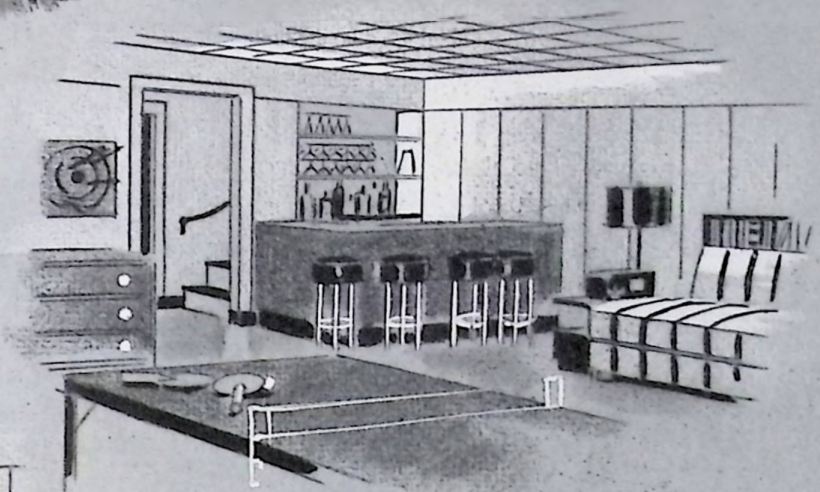
COMPLETE HOUSEKEEPING APARTMENT — Many attics are ideally suited for conversion into a self-contained, separate apartment for a small family. Here, a combination living-bedroom, smaller bedroom, bathroom and kitchenette have all been skillfully fitted into an attic area, yet allowing adequate storage and closet space for the new occupants.

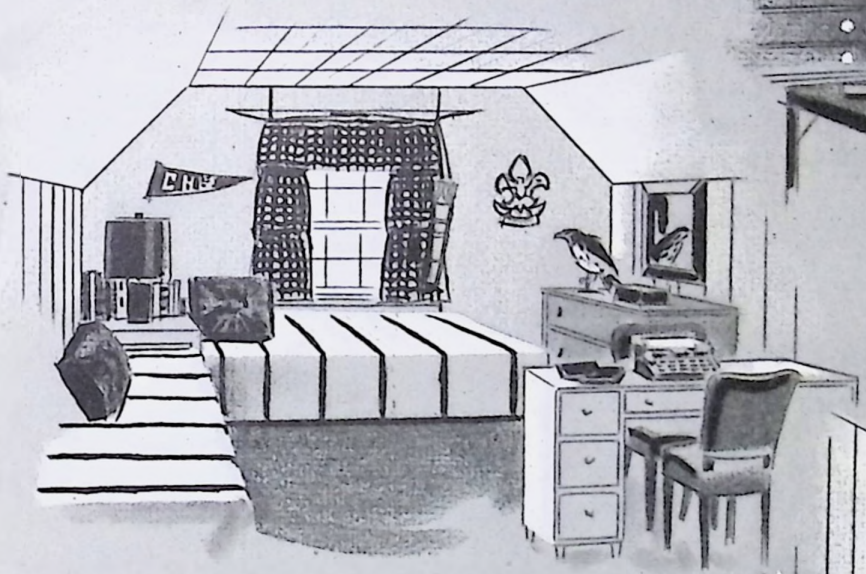
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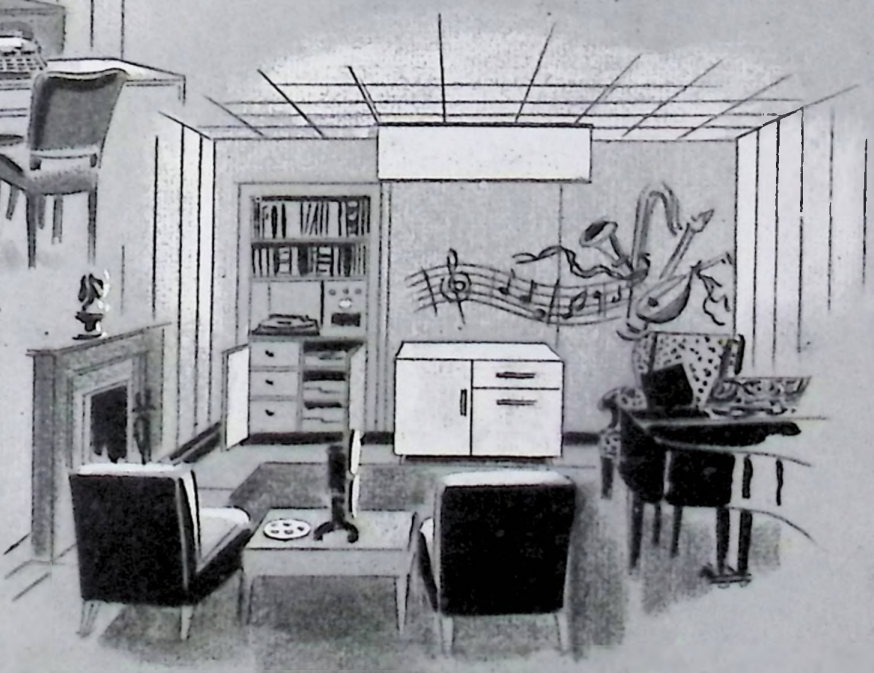
CARD ROOM — Card rooms are coming back. And with reason. Good players like to concentrate on their game, dislike distractions. At only modest cost, you can create an inviting card room in attic or basement where it will be quiet, and out of the way of household activities going on at the time.

RECREATION ROOM—Your basement probably offers excellent possibilities for a good sized game room built of J-M Insulating Board. And set up with simple, sturdy furniture it will prove an ideal place for parties, both the kind that are planned and the kind that just happen when friends drop in.



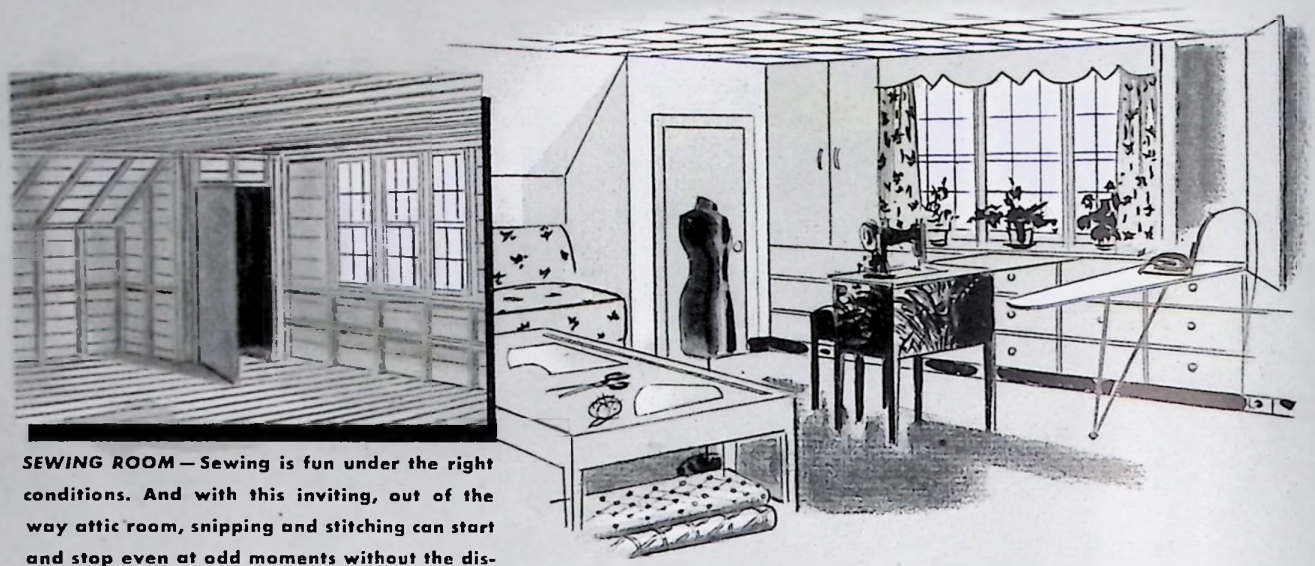


SCOUT DEN — Here's an attic room that can double as a bedroom and Scout den with appropriate atmosphere for a fast-growing youngster. The Glazecoat panels and plank of J-M Insulating Board help keep the room comfortable throughout the year. Let him help you plan its features.



MUSIC LOVERS RETREAT — Why not a special room designed for the full appreciation of good music, and with space provided for record-player, radio, instruments, movie projector? Walls of J-M Insulating Board offer splendid decorative opportunities.

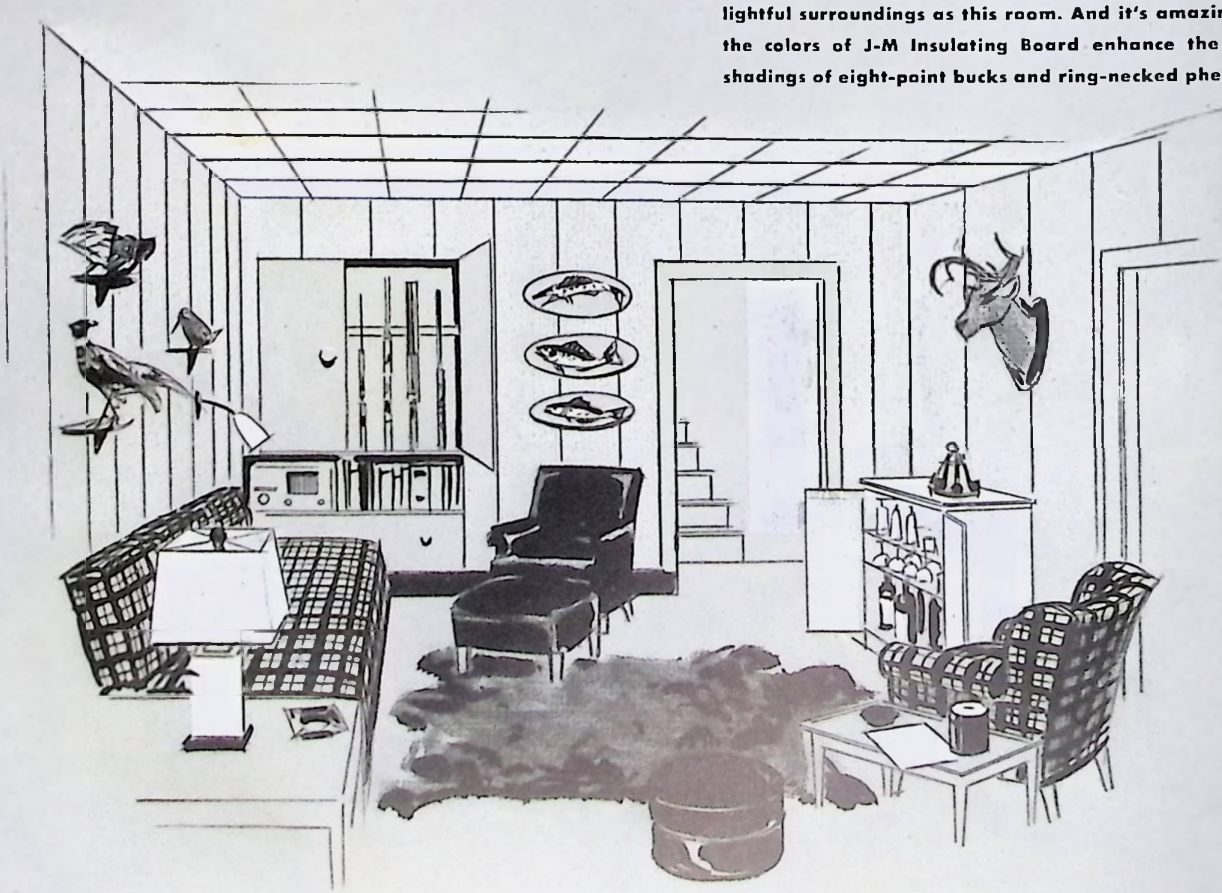
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SEWING ROOM—Sewing is fun under the right conditions. And with this inviting, out of the way attic room, snipping and stitching can start and stop even at odd moments without the discouraging fuss of getting set up, or clearing up each time. It can double as a guest room, too!

You can create rooms like these quickly and economically with J-M Glazecoat panels and plank

SPORTSMAN'S ROOM—Even the story of "The one that got away" might gain added credence under such delightful surroundings as this room. And it's amazing how the colors of J-M Insulating Board enhance the subtle shadings of eight-point bucks and ring-necked pheasants.



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Ideas for new, low cost CEILINGS

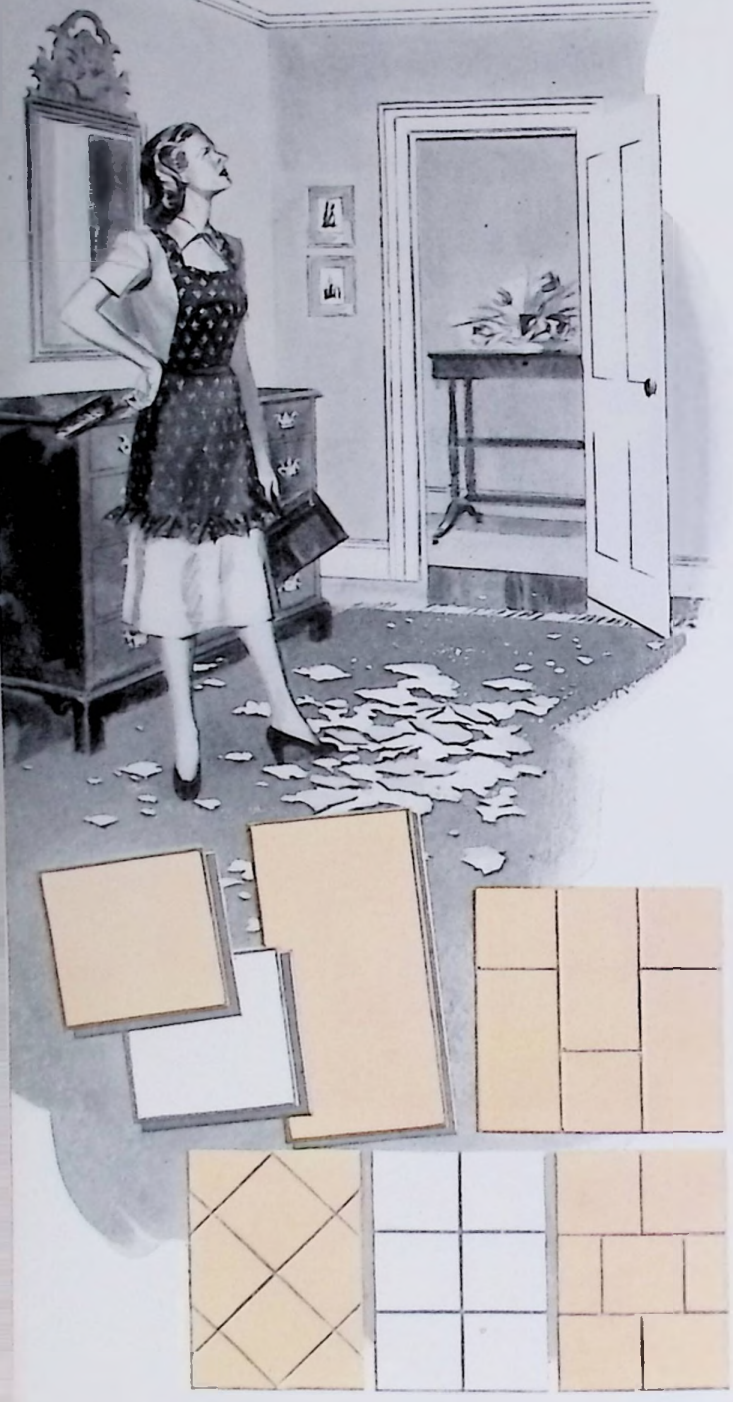




Cracked ceilings never fail to handicap the appearance of any room. Today, however, disfigured, damaged ceilings can be done over quickly and easily with low cost good looking panels designed especially for this purpose. Often the whole job can be completed in a single day.

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Beautiful new CEILINGS in a day!



With J-M Ceiling Panels you can obtain many unusual and attractive variations in pattern. Panels can be applied on diagonal lines; in conventional rows, or with staggered or "broken" joints, as shown above.

applied right over old cracked, broken ceilings

Nearly every homeowner has been faced with the problem of damaged and cracked ceilings. In times past the only remedy meant patching, an expensive and messy job which often put the room entirely out of use for several days and then proved only a "repair" job.

Owners who have ever gone through the unpleasantness and expense of having an old ceiling completely removed and re-done are usually rather reluctant to repeat that trying and disturbing experience.

Now, however, Johns-Manville Glazecoat Ceiling Panels offer an unusually satisfactory and economical solution to this problem. These specially designed panels can be applied quickly and easily over the old surface to form a paneled ceiling of unusual simplicity and beauty.

panels are pre-finished, ready to use

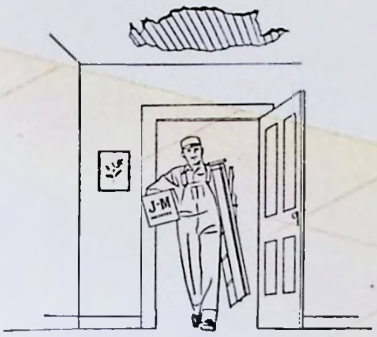
J-M Glazecoat Panels are furnished in pre-finished and pre-decorated units especially for ceiling application. They can be applied over large areas in a remarkably short time, and with no fuss or muss. Usually, the average ceiling can be completed in one day, and the room can be ready for use that same night. Moreover, the pleasing colorful Glazecoat surface requires no further decoration. It can however, be painted if a special color is desired. The Glazecoat surface provides an excellent base or prime coat for any treatment suitable for ceilings.

all nailing is concealed

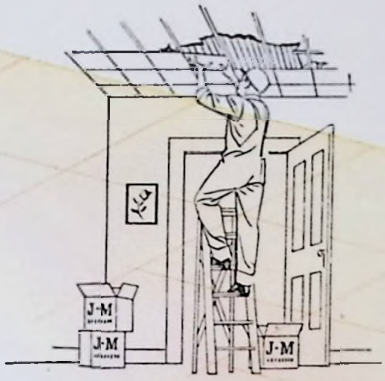
When the work is finished, no nailheads mar the beauty of the ceiling. The Lightning Joint, a feature of Johns-Manville Ceiling Panels and Wall Plank, conceals all nailing automatically and completely.

Many interesting and attractive patterns can be worked out with pre-formed, pre-decorated J-M Glazecoat Panels. Squares and rectangular units can be combined with remarkable effects. In fact, these units provide an unusual opportunity for the homeowner to plan a ceiling of his own design.

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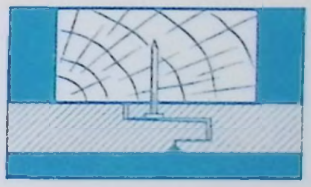
Work on the new ceiling can be started immediately. There is no need to tear down the old ceiling with its accompanying muss and fuss.



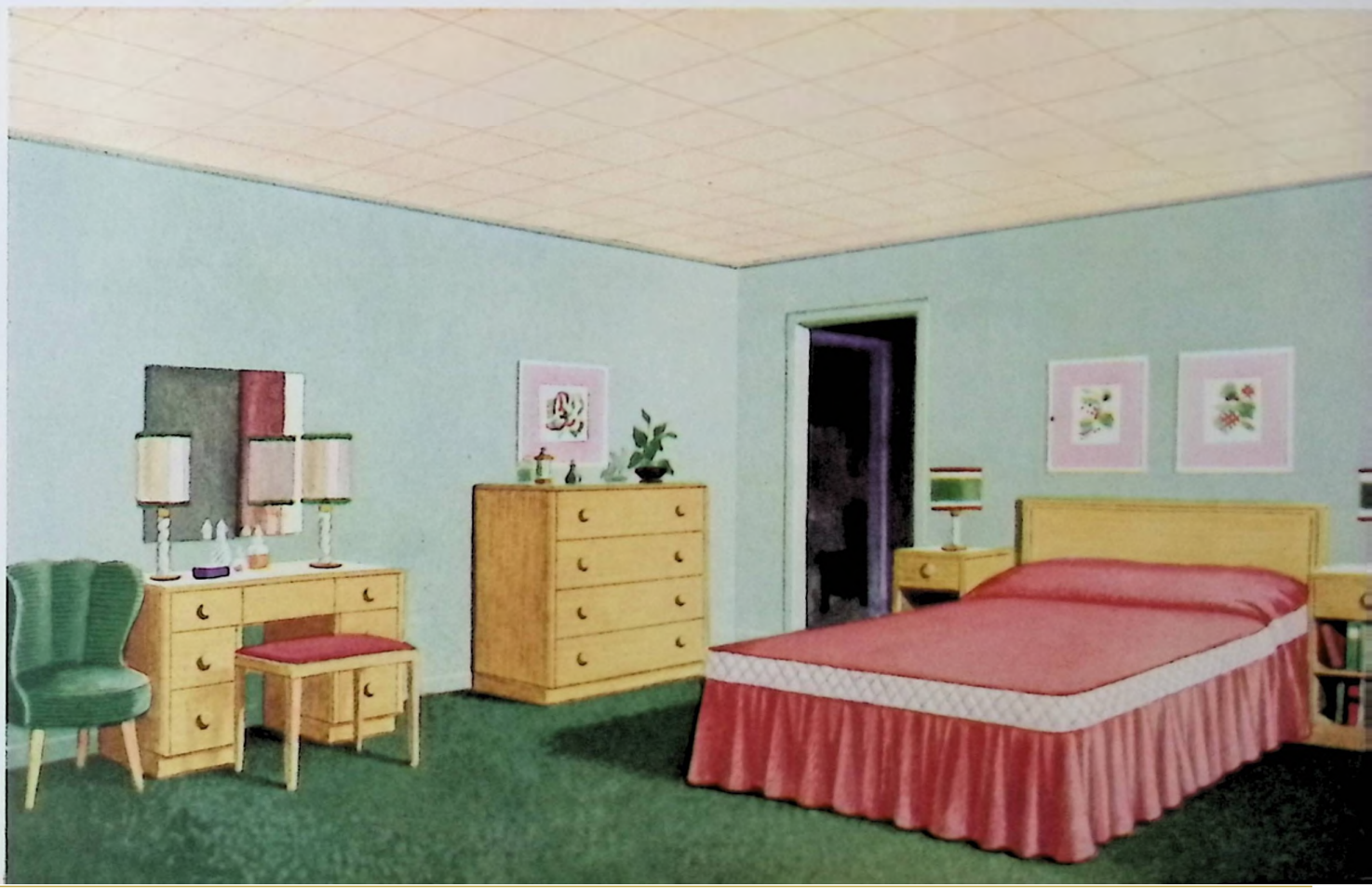
A simple, wood framework is constructed to receive and support the predecorated Glazecoat Ceiling Panels.

Often the job is completed in a single day. And the beautiful surface of J-M Ceiling Panels needs no other decoration. The room is ready for occupancy as soon as the workman leaves.





J-M Lightning Joint conceals nailing. Note how fasteners are driven through an overhang into the furring strip. The adjacent panel slides snugly into a groove and is held in place without any further nailing at that point. The nailheads are completely covered.



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NEW WALLS for old

If you have a room that needs redecorating, especially one in which the wall surfaces are in poor condition, consider the advantages of re-finishing those walls with J-M Insulating Board.

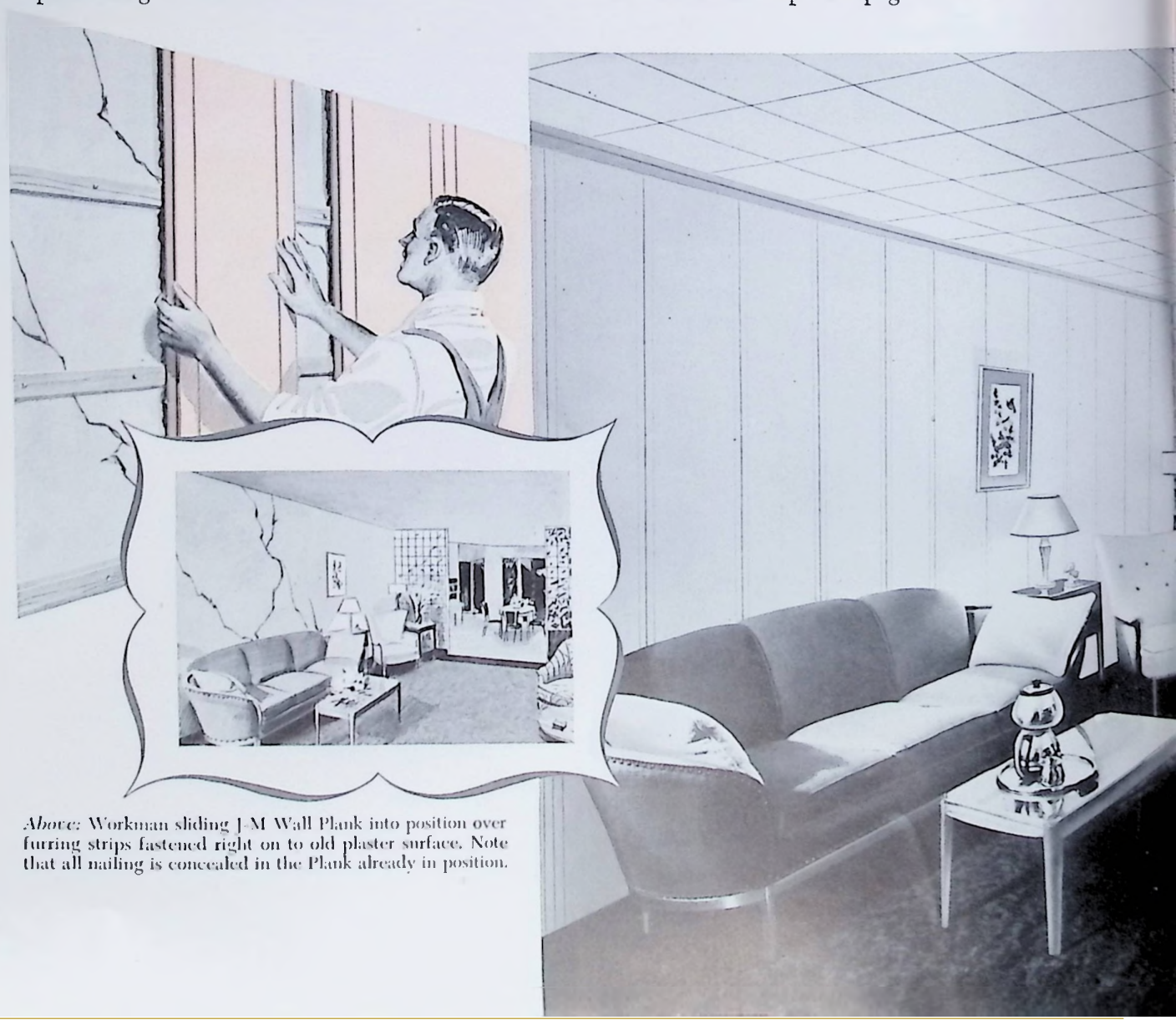
On the preceding pages you have seen this product used for the walls of newly constructed rooms. It is equally well suited for doing-over existing walls, with a minimum of muss or inconvenience and at moderate cost. Being pre-decorated, it is ready for use right away, yet it can be painted later on whenever a complete change of color scheme is desired.

The room shown below is a good example to illustrate how simply the work can be performed. The "before" view shows a cracked and disfigured plaster wall, the result of settling or perhaps just old age.

The workman is covering the wall with J-M Wall Plank. To provide a smooth, even nailing surface, he first fastened to the wall, furring strips, usually inexpensive pine. They are spaced horizontally 12″ apart from the floor to the ceiling, and thus provide a continuous and straight support for the new wall.

In this particular case the workman is applying plank that measure 8 feet long and reach from the baseboard to the ceiling line. Lengths to suit other room heights are available. The Plank also come in various widths which can be used to achieve a "random" effect, if desired.

Other homeowners prefer combination treatments of J-M Board with large plain sheets for a wainscoting and then utilize plank, panels or plain sheets above a chair rail. See the examples on pages 8 and 13.



Above: Workman sliding J-M Wall Plank into position over furring strips fastened right on to old plaster surface. Note that all nailing is concealed in the Plank already in position.

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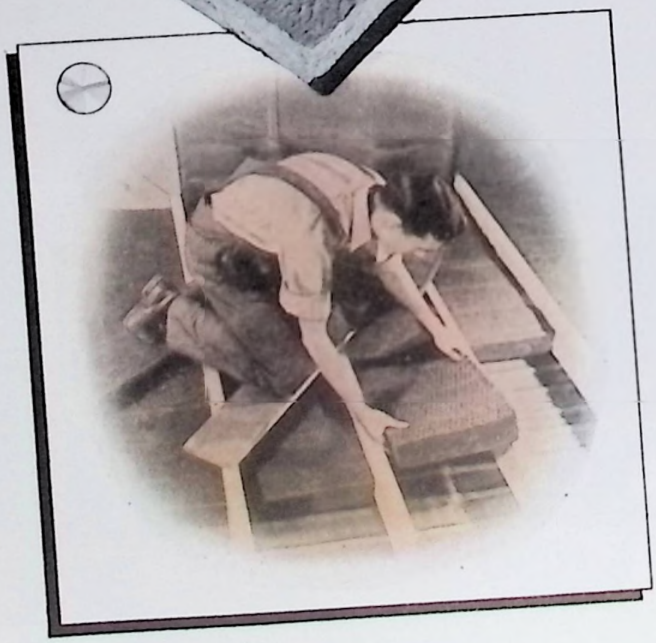
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Johns-Manville

ROCK WOOL
Home Insulation

creates new standards of home comfort...economy...protection



During the past decade you have undoubtedly seen dozens of articles by housing experts and government agencies that strongly recommended home insulation. In fact, no other building material or home improvement ever received such wide and enthusiastic endorsement from recognized housing authorities.

The reason is very simple—*insulation makes a number of important contributions to* the home. It helps protect the health of the family; makes the whole house more comfortable winter and summer. Nothing you can do to your home will give you so much

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comfort so inexpensively. Home insulation not only pays for itself, but eventually pays yearly dividends from fuel savings. This fact is emphasized in a U. S. Bureau of Mines circular which states: "Insulation does not cost the homeowner a cent. It begins to pay for itself the day it is installed."

Johns-Manville pioneered in the development of Rock Wool Home Insulation for both new and existing homes. Because it is an efficient barrier against the passage of heat and is fireproof and rotproof, it has become one of the most widely used insulating materials. Today, more than 2,000,000 American homeowners are enjoying fuel savings of up to 30% year after year, and rooms up to 15 degrees cooler in hottest summer weather as a result of installing J-M Insulation.

Perhaps the best way to illustrate the remarkable effectiveness of Rock Wool in bringing comfort to the home is to tell you that by actual test, a 4" thickness of this material is equal to 11 feet of solid stone in resisting the passage of heat. That is why J-M Home Insulation helps keep heat IN during the winter, thus effecting fuel savings and reducing drafts; and helps keep heat OUT those hot summer days.

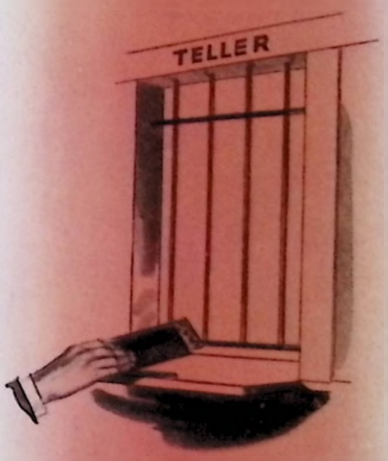
Now, Long Fibre *Super-Felt—the Improved Rock Wool Batt*

In 1929 Johns-Manville developed the first rock wool batt. Today, through constant research and development it is available in the form of the new *Long Fibre* Super-Felt Batt. The superior qualities of this improved product are the result of an entirely new process of manufacture. Instead of the short coarse fibres inherent in other types of rock wool, this new process produces long fine fibres. These fibres are felted into a batt by controlled methods to scientific specifications developed in the J-M laboratory. It is much stronger than ordinary batts, lighter in weight, far more resilient and has greater uniformity throughout.

It fits snugly between framing members of the house and will not settle. It is absolutely fireproof. And being mineral—not organic—there is nothing in it to rot or decay. Result—with *Long Fibre* J-M Super-Felt, you get insulating efficiency that assures maximum comfort, economy, and protection throughout the year and you gain these benefits year after year!



Rock Wool Is Fireproof



Makes Important Savings



Cool Comfort in Summer

Johns-Manville Rock Wool is a Mineral Insulation





Product of a man-made volcano, J-M Rock Wool—unlike organic forms of insulation—is as permanent as stone...will retain its fireproof, high heat-resisting qualities indefinitely.

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Here are two other advantages of Johns-Manville Rock Wool

HOME INSULATION



REDECORATING EXPENSE

Many homeowners have reported that the savings in decorating costs have been a substantial plus benefit of Rock Wool. Decorating expenses are greatly reduced because the warmer walls and ceilings of an insulated house do not discolor so readily.



CHECKS ANNOYING DRAFTS

When a home is insulated the rooms heat more uniformly. Youngsters are guarded against colds and ill health often caused by dangerous floor drafts which are so prevalent in the vast majority of uninsulated houses.

Note: There are two types of J-M Rock Wool Home Insulation: (1) Long Fibre Super-Felt Batts described on preceding pages, and (2) Nodulated Rock Wool which is blown through a hose into walls and attics of existing homes. Both types are equally efficient when they are properly installed.

COMFORT *blown through a hose*

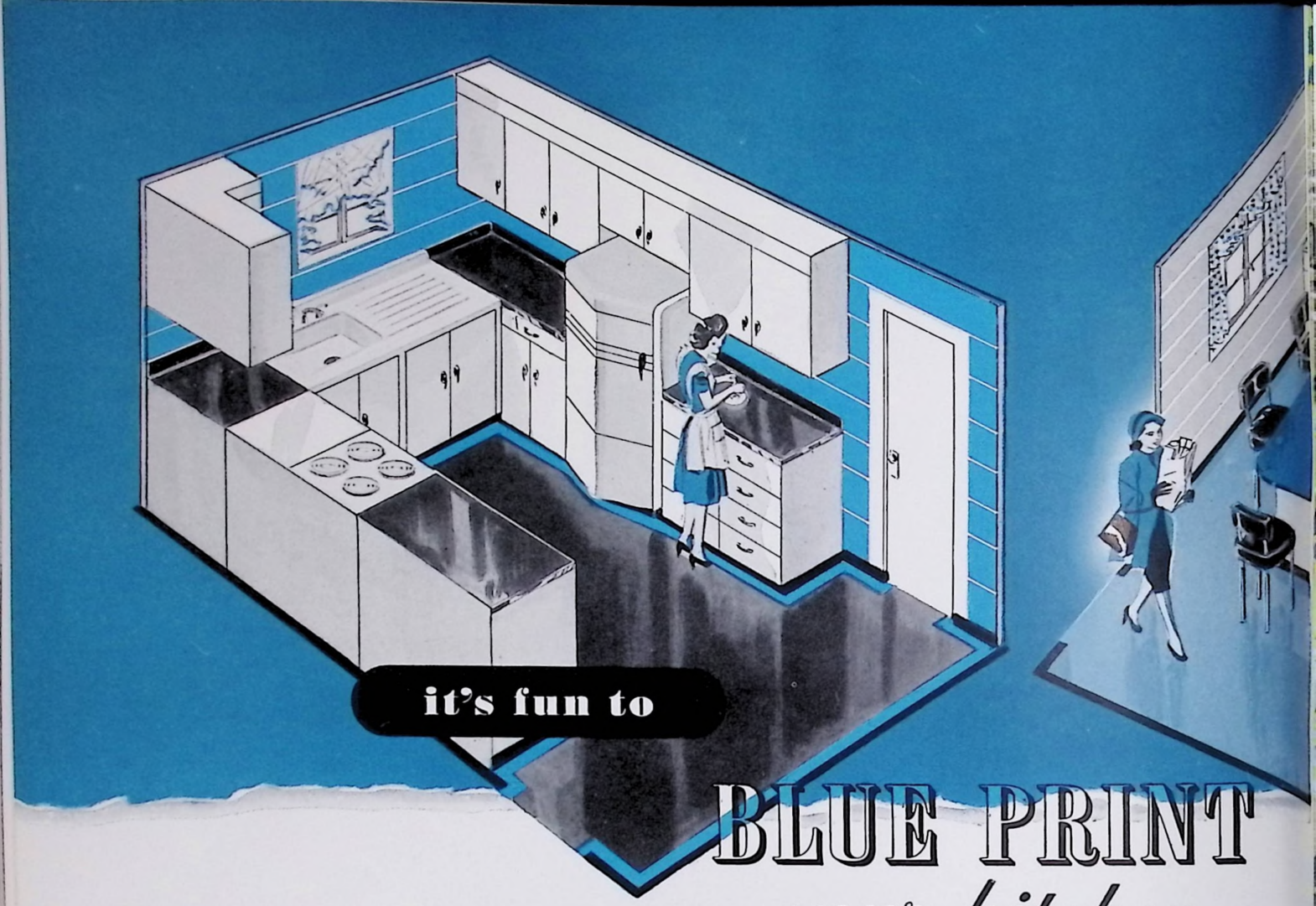


For insulating houses that are already built, Johns-Manville has perfected a scientific method in which the rock wool in nodulated form is "blown" through a hose into the hollow outer walls until they are completely and tightly filled. The space under the attic floor is "blown" in the same manner. This blowing operation is not expensive and many hundreds of thousands of homeowners are today enjoying its comfort.

The results of either the "blown" or batt type of insulation are amazing. In winter, fuel bills are reduced up to 30% and in summer, rooms are up to 15 degrees cooler on hottest days.

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K
Ideas for KITCHENS
Your kitchen—why not plan it for widest use, smooth efficiency. And remember, big splashes of color there can lend added beauty, styling and low-cost luxury to the whole house.
H
G
F
E
D
C
B
A
I



it's fun to

BLUE PRINT *your kitchen*

While there are countless variations—some good, some not so good—of possible arrangement of kitchen elements—the most popular, and generally most practical, follow either of two quite distinct types: the L-plan or the U-plan.

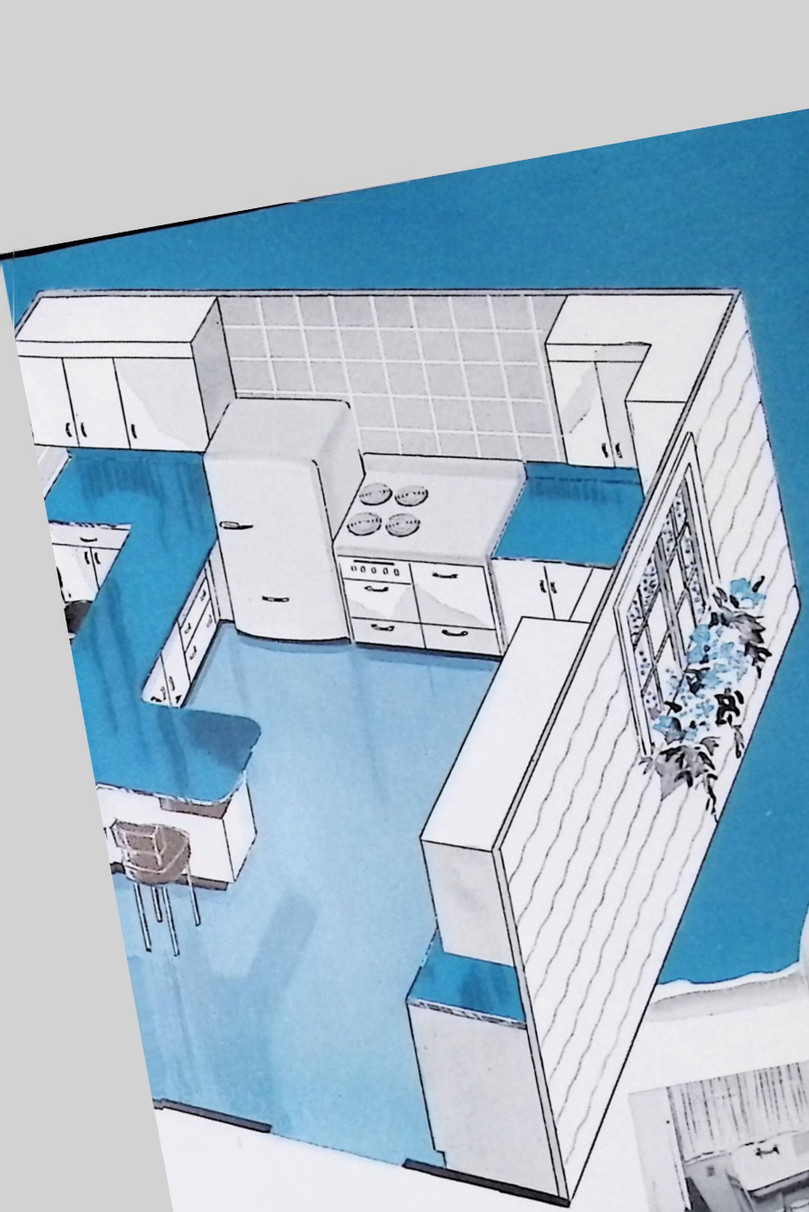
Of course, the sink, stove, refrigerator and storage cabinets should be placed to save steps, speed the job of preparing meals and cleaning up afterwards. Don't, however, make the mistake of getting a too-small kitchen, where more than one person cannot work or move around conveniently.

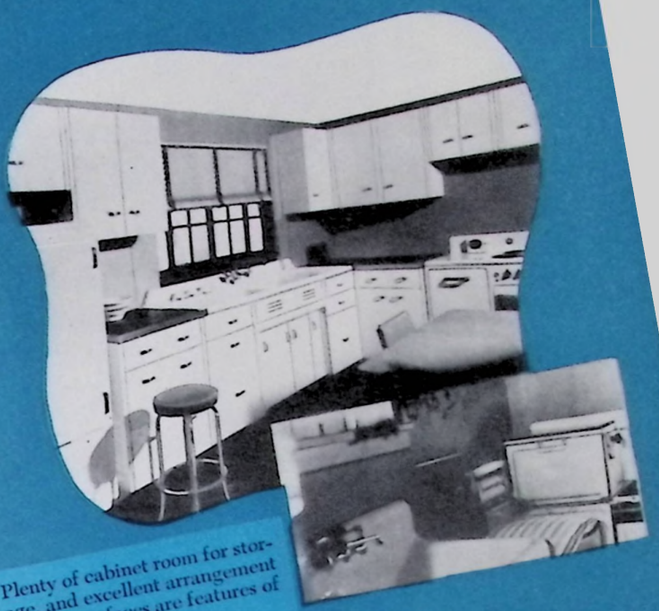
Let's study for a moment the typical U-plan kitchen shown above at left. It takes only a step or two from one unit to any other. Standing at the sink you can regulate controls on the stove or reach into the refrigerator for more eggs or milk. The work space is out of the traffic lanes which can be kept clear for improved safety—always a most desirable consideration especially where there are youngsters concerned.

The L-plan offers advantages, too. Commonly found in larger kitchens where the walls may be interrupted by a number of necessary doors, quite frequently the L- permits eating space within the room. In the L-plan shown above, the sink, stove and refrigerator are in excellent relation to one another. The counter not only affords double-duty surface area for both eating and working, but the cabinets below it can be put to use for food and utensil storage. Hurry-up breakfasts or luncheons are no problem in a kitchen like this.

In planning or re-planning your kitchen you should consider all of these fundamental points: (1) sink, not stove, under the window to minimize fire hazard. (2) doors, cabinets, refrigerator, should open to side of greatest safety and convenience. (3) provide electric outlets safe for mixers, toasters, iron, along with adequate lighting. (4) glistening, colorful, firesafe walls and ceiling with a durable, washable surface. (5) resilient, colorful flooring material, easily cleaned, resistant to grease. (6) exhaust fan.

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Plenty of cabinet room for storage, and excellent arrangement of work surfaces are features of this "new" kitchen.



This remodeled kitchen with its recessed refrigerator and other modern equipment could belong in a brand new home.



A new sink, cabinets and wall surfacing bring cheerful color—help make work easier, far more pleasant.



New cabinets, counter space and a new wall of colorful, asbestos sheet material brought this old kitchen up to date.

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Presenting

J-M DE LUXE ASBESTOS FLEXBOARD

It provides new beauty and permanence for kitchens, bathrooms, and almost any other room in the house

For years there has been a need for a building board so attractive and colorful in appearance as to satisfy the most exacting requirements of the interior decorator, so durable and permanent in composition as to meet the most trying conditions of service in homes and in commercial or public buildings.

Johns-Manville has now filled this need with the development of a new building material known as De Luxe Asbestos Flexboard. It is reasonably priced and is easy to apply with ordinary carpenter's tools.

This beautiful, colorful building board literally opens up vast new possibilities for interior decoration. There has never been anything like it before! The smooth, glossy finish in an attractive fabric pattern (see samples illustrated at right) makes a beautiful wall surface for almost any room. This finish is so hard that it defies scratching and marring.

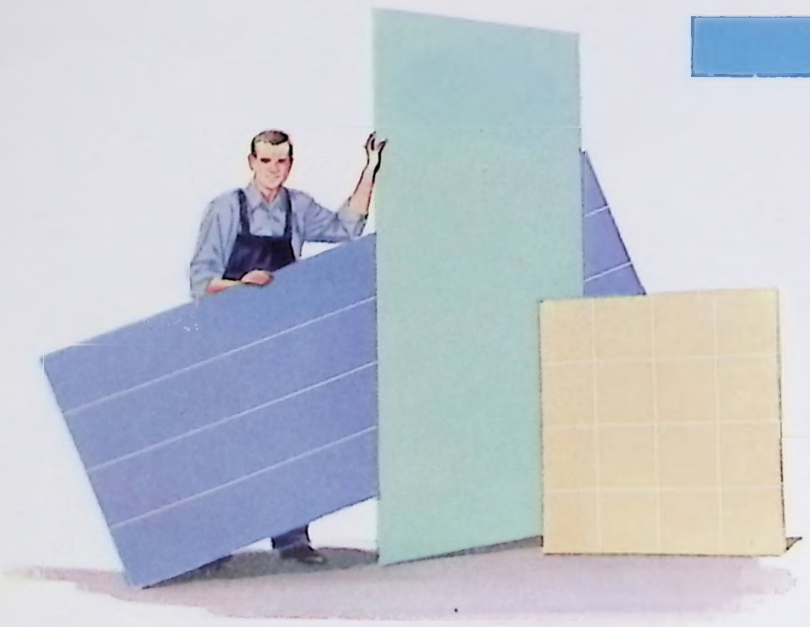
Just as important as the finish is the basic composition of the board itself. De Luxe Flexboard is made of asbestos fibre and Portland cement. It is a strong, rugged material that cannot burn; that will not swell or buckle when exposed to moisture or steam.

De Luxe Flexboard comes in the form of large sheets, one-eighth inch thick and four feet wide by eight feet long. Thus, one sheet can cover as many as 32 square feet of wall surface!

The six colors reproduced on this page were chosen after a careful study by a noted color authority. They harmonize pleasingly with colors generally used for draperies, window curtains, floor coverings, as well as modern kitchen and bathroom color schemes.

In addition to your choice of colors, you can select from three different designs. There are large panels of solid color. Then there is a "horizontal" pattern, and also a "block" pattern. Any of these designs may be used alone, while interesting decorative effects may be achieved by combining the solid colors with either the horizontal or the block pattern.

select your kitchen and bathroom

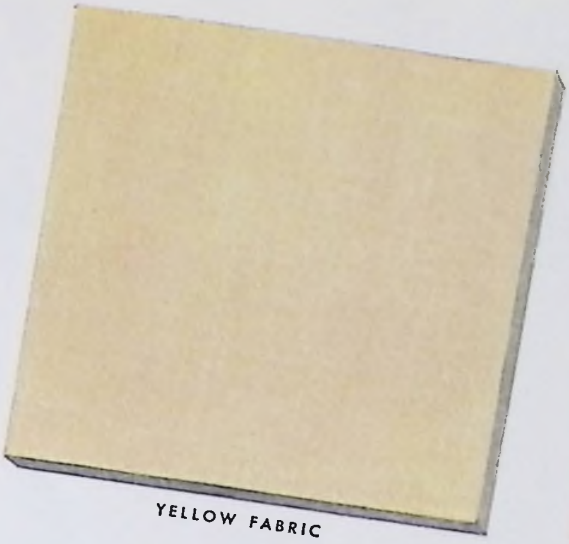




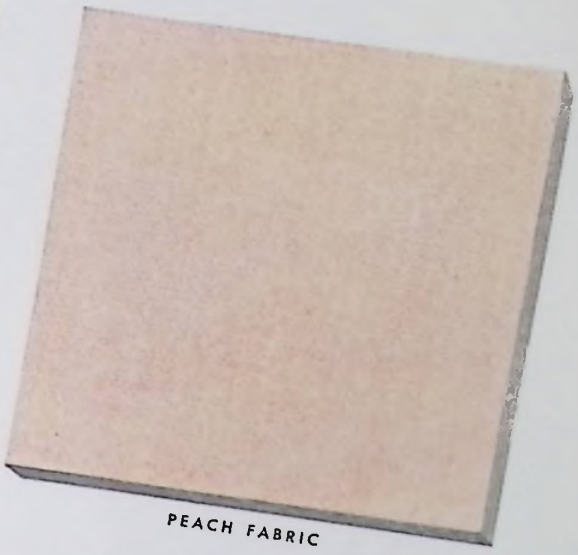
NOTE: At the time this edition of the Home Idea Book goes to press, the volume of production of De Luxe Flexboard is insufficient to permit broad national distribution. Every effort is being made to supply Johns-Manville dealers as quickly as possible.

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YELLOW FABRIC



PEACH FABRIC

Here are some of the outstanding features of J-M De Luxe Asbestos Flexboard



EASY TO CLEAN — *The glossy surface resists soiling and staining. An occasional wiping with a damp cloth restores its beauty.*



RESISTS GREASE — *It is easy to keep spotless even near the range or sink.*



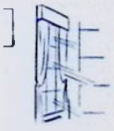
RESISTS ACIDS AND ALKALIES — *Ordinary household chemicals and cleansers will not spot or harm this product.*



RESISTS SCUFFING — *The hard durable surface makes it excellent for nurseries and playgrounds.*



WITHSTANDS STEAM AND WATER — *It is recommended for shower stalls and around the tub. It will withstand moisture and heat.*

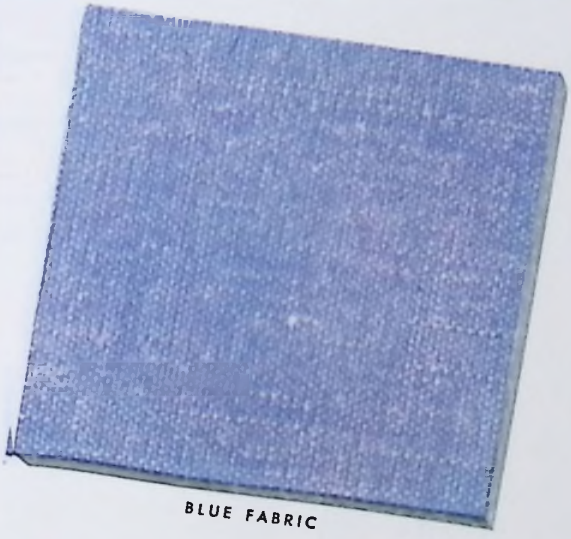


LIGHTFAST COLORS — *The colors which are lightfast insure new permanence for wall treatments.*



TAN FABRIC

walls and ceilings from these six beautiful colors



BLUE FABRIC



RED FABRIC



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Now with J-M DELUXE FLEXBOARD

Your kitchen can be the most attractive room in your house

Inasmuch as you'll be spending countless hours in it, your efficient "new" kitchen should have a bright, cheerful and colorful atmosphere. So just as soon as you have decided just what mechanical equipment is going into your kitchen, and where each element will be located to suit your own particular convenience, the very next step is to start thinking about decorative possibilities and opportunities.

In all likelihood, your sink, stove, refrigerator, cabinets and other fixtures will be crisp, clinically clean white. Be sure to set them off against a bright and colorful background.

Remember though, that steam, smoke and cooking vapors, along with spattering grease, are problems that must be considered. So when you come to deciding on wall and ceiling surfaces, be sure that yours will be: 1) quick and easy to clean; 2) resistant to damage from moisture, grease, acids, stain and smoke; 3) smooth and hard with a glazed type of surface that cannot harbor bacteria.

The manufacturers of your kitchen equipment recognize, and are careful to meet these requirements in the finish of the units they produce. To meet these same requirements in a structural wall treatment, Johns-Manville developed De Luxe Asbestos Flexboard. Illustrated on the preceding pages, here is a board of mineral, fireproof and moistureproof composition with a sparkling, colorful surface that is easy to keep spic and span.

New walls and ceilings of De Luxe Flexboard installed over present walls in existing homes, are inexpensive. The material itself is economical in first cost and the big sheets in which it comes make it possible to cover large areas in remarkably short time. This advantage, coupled with the fact that it is easily sawed and nailed, keeps application costs down.



BEFORE: Only a generation ago, this was a "model" kitchen and dinette. Dull and drab by present standards, it has failed to keep pace with other rooms of the house.

AFTER: Re-designed for brisk efficiency, and completely redecorated with Yellow and Blue De Luxe Flexboard, the "new" kitchen, at right, is now the most attractive and colorful room in the house. Notice, in the ceiling treatments, how the interchange of Flexboard colors brings crisp and delightful contrasts.

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Knowing just how the work of re-surfacing the walls of your kitchen will be accomplished with De Luxe Flexboard may stimulate your imagination and ingenuity in contriving special features of your own.

Let's study for a moment the stunning kitchen to your left. The walls are Blue De Luxe Flexboard, in the horizontal pattern. The big sheets, measuring 4 feet by 8 feet, and ⅜" thick, are available from your local J-M Building Materials Dealer. Usually, this particular style is erected with the lines running horizontally. Thus, two sheets, each four feet wide placed one above the other, cover a wall 8 feet high. This, incidentally, is the height of the vast majority of kitchen ceilings. It is, however, a simple matter to cut Flexboard with an ordinary saw, if a strip must be trimmed off, or added, so the Flexboard will reach from the floor to the ceiling. This particular feature simplifies erection considerably.

The kitchen, illustrated on page 21, demonstrates the use of Green Flexboard. The recessed refrigerator, the built-in eating benches, an office-alcove treated with contrasting Yellow Flexboard are noteworthy features. The ceiling, with concealed light troughs, is Peach Flexboard in "block" design.





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Storage Center



Use your refrigerator as the center of your storage facilities to save steps. Fruit and vegetable bins with grilled doors, handy tray rack and cabinets for often used equipment can go here. Remember to order your refrigerator with the door opening on the side nearest sink. Try to keep all cabinet door handles within easy reach.

Range Center



It is better not to have cabinets placed above the stove as that can prove hazardous. Reaching over the burners might ignite clothing — or dropping an object into cooking can mean serious burns. Do however, plan adequate space for utensils, an asbestos pot holder, serving dishes, herbs and spices within easy reach.

Lazy Susan



Why waste space in a perfectly usable corner? This built-in "Lazy-Susan" with its revolving tiers can be used for everyday dishes because it simplifies storing and handling. A gentle spin brings the wanted pieces out in front into easy reach. Put a series of hooks or snap-fasteners on the under-surface of the second tier to support cups.

Dinette Corner



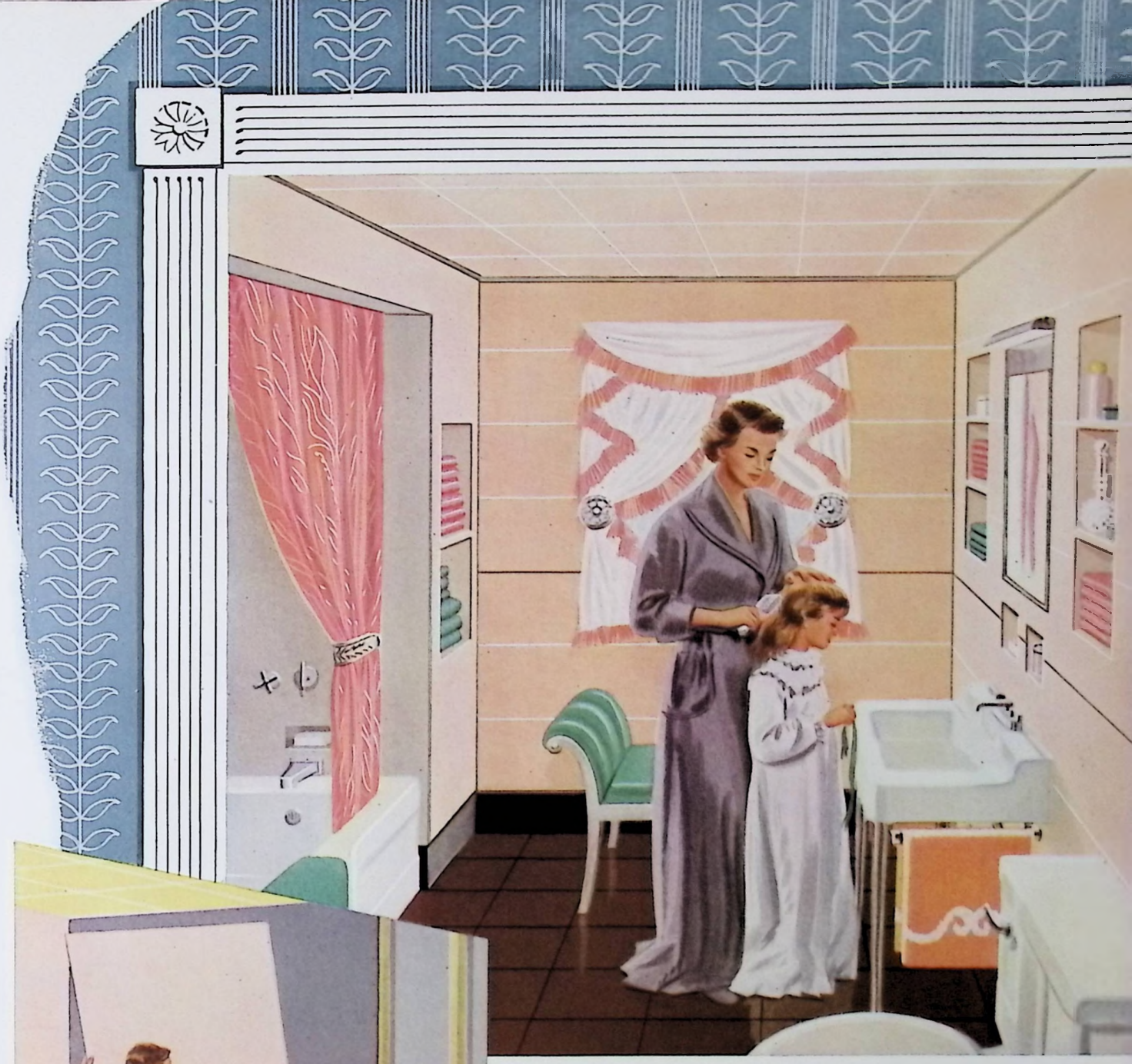
This interesting corner can be used not only as a dinette but also as the household "office". The toaster and radio can plug into outlets in the cabinet. Drawers hold the family check book, budget and unpaid bills. The cabinet can be designed to fit your particular family size. The table top can be built to fold or slide out of sight.

Sink Center



Here are the things you'll want in your sink center: Plenty of space for utensils and pots. Generous, unobstructed working space. Sink base recessed for toe room. Concealed light above. Shallow, wide window for air and light. Corner shelves for often-used articles. Handy supports for rolls of paper towels, dish towels.

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Ideas for BATHROOMS

In no other room of the house have there been more pronounced improvements in appearance and facilities than in today's modern bathrooms.

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the treatment of your BATHROOM WALLS *can establish the character of the whole house*

No matter how careful and discriminating you may have been in stylizing and furnishing other rooms to suit your individual tastes, the whole overall charm of your home can be seriously marred by an outdated bathroom. Oddly enough, this is a common occurrence not only in small homes, but all the way up the scale to include large and pretentious ones. People who would not dream of owning and driving a ten-year-old automobile, accept bathrooms that are twenty and thirty years behind the times.

Modernizing a bathroom, bringing it right up to par with ones that families in brand new homes are enjoying, can be accomplished economically today, thanks to the development of new and colorful building materials for walls and ceilings. A notable example of such a material, ideally suited for use in bathrooms, is J-M De Luxe Flexboard which you will find illustrated and described on page 24.

Colorful, durable and easy to clean, De Luxe Flexboard comes in large sheets that are economical to buy, cover big areas quickly, and can be applied right over old wall surfaces using ordinary tools.

Let's look at the bathroom illustrated below, which has been treated with De Luxe Flexboard sheets in Yellow-fabric finish. The old ceiling has been covered with Flexboard in "block" design. Solid color panels of the same material have been used for the wall at left, and also to create the partitions of the novel stall feature. For a note of variety, "horizontal" pattern has been applied to the walls above the bathtub.

Another typical example of a modern Flexboard bathroom will be found on the preceding page. Here, Peach-fabric sheets have been used for the walls and ceiling. In the bathtub recess which also acts as a shower stall, sheets of Tan-fabric provide color contrast. The rear wall of this room, incidentally, was re-covered completely with only two sheets of Flexboard, and there were pieces left over.

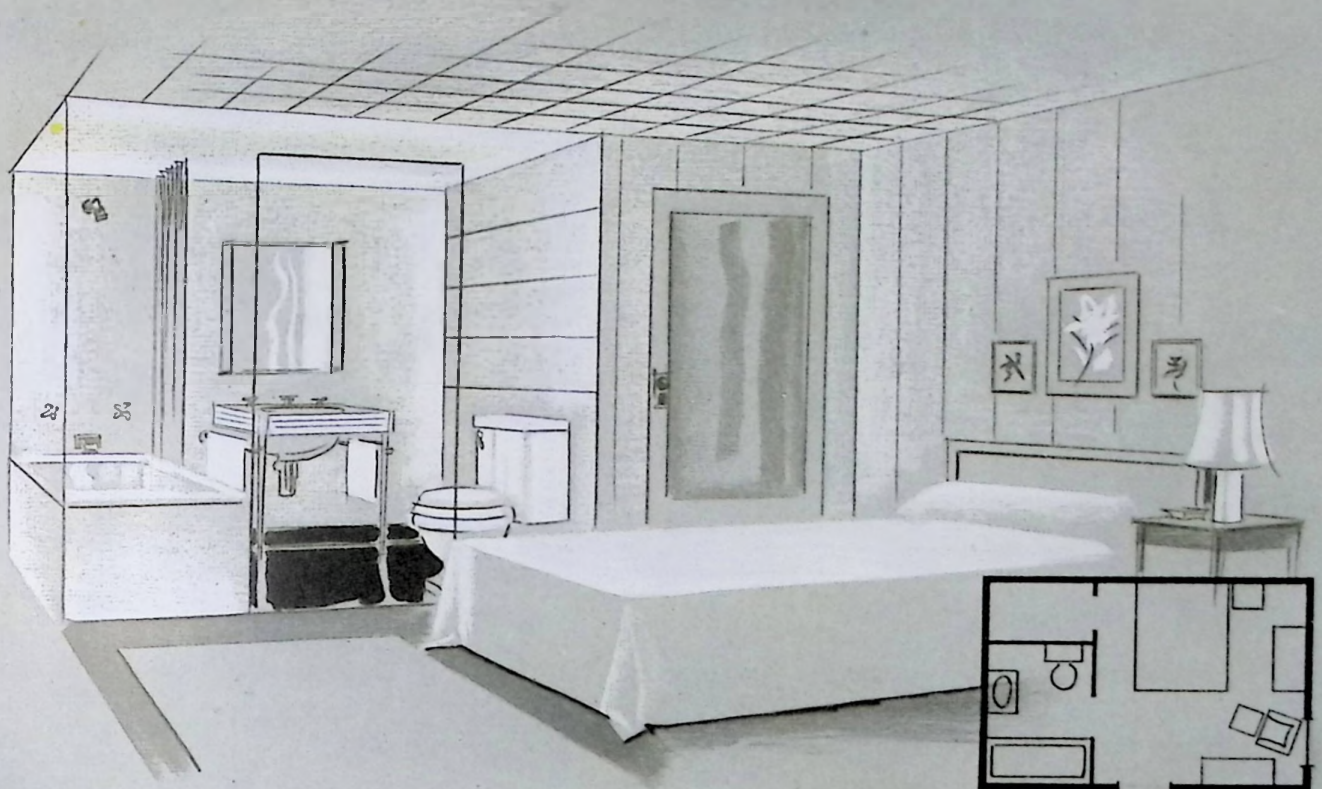
In addition to its use in modernizing the walls and ceilings of old bathrooms, De Luxe Flexboard makes it easy and economical to build an extra bathroom or lavatory, thus adding to the convenience of every member of the household. Ideas on how to do this will be found in the following pages.



A single sheet of J-M De Luxe Flexboard will cover 32 square feet of wall surface. No special installation equipment is needed since it can be cut and applied with ordinary carpenters' tools. Flexboard goes right over the old wall surface of your bathroom quickly and economically.



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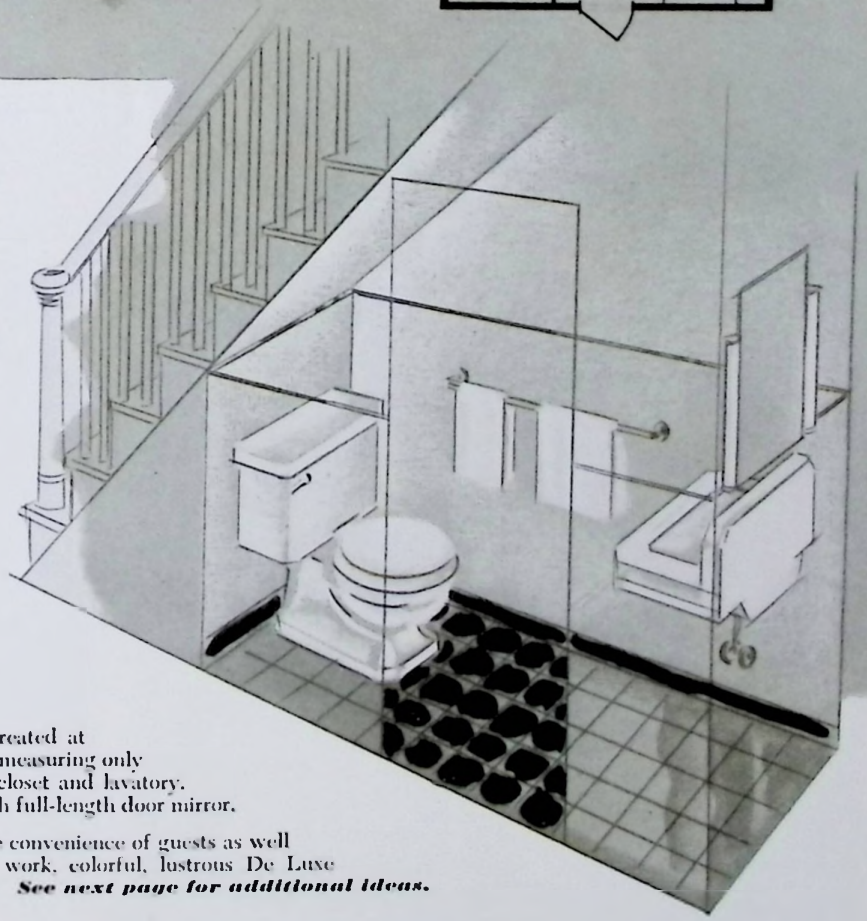


Ideas for Extra

BATHROOMS

Here the artist presents conceptions of how and where you may find space for needed extra facilities in your home.

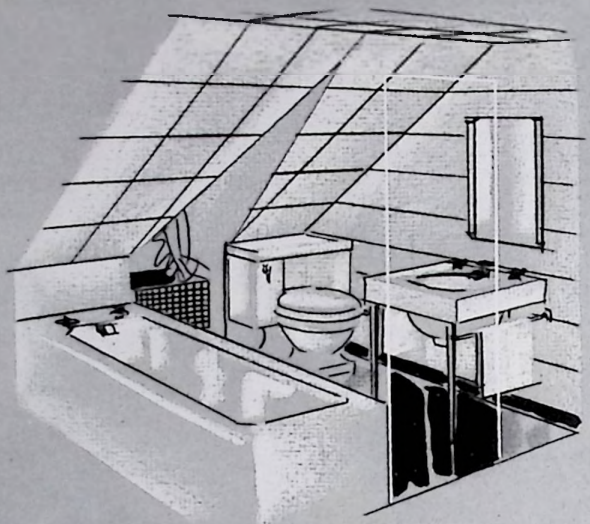
Just keep in mind that the most important factor involved in such planning is the location of a soil disposal pipe. Obviously, making use of one that is already installed offers the most economical and satisfactory solution. It is surprising how little space is required for improvements such as these.

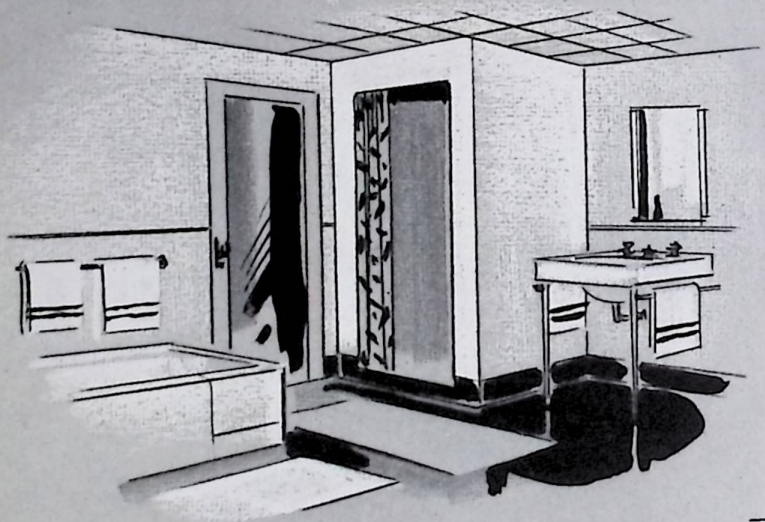


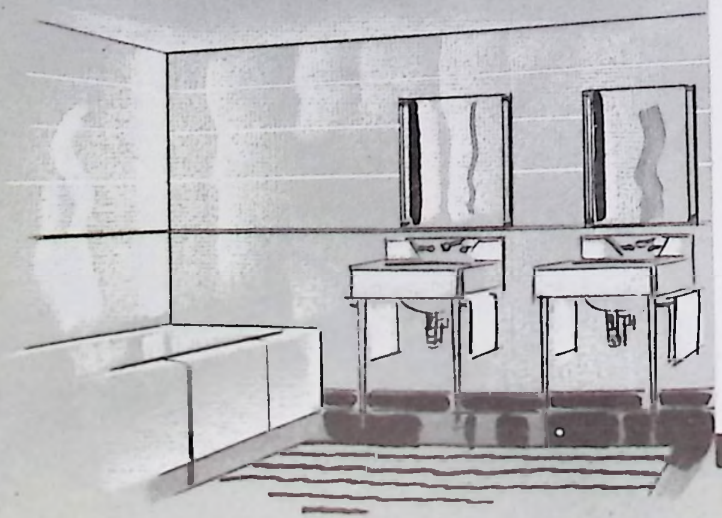
Above. A complete new bathroom can often be created at one end of a generous-sized bedroom. Even an area measuring only 5 feet by 7 feet will allow space for a tub, water closet and lavatory. Then use any left over space for a walk-in closet with full-length door mirror.

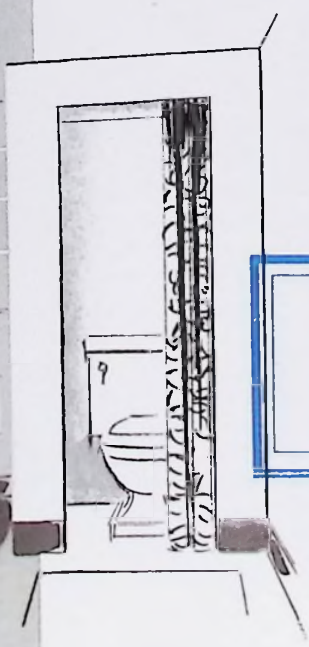
Right. Put a powder room under the stairway for the convenience of guests as well as members of the family. Ideally suited for the work, colorful, lustrous De Luxe Flexboard walls will make it easy to keep spotless. ***See next page for additional ideas.***

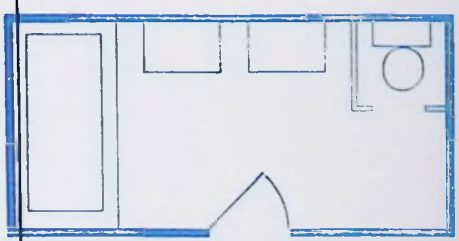
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more ways to improve bathroom facilities in your home

Here are three more practical suggestions on how to make more and better use of space in your house; how to bring bathrooms up to date with simple changes that can make really remarkable improvements in convenience and privacy.

ATTIC BATHROOM. Here a complete bathroom has been created as an important feature of a newly-constructed attic apartment. Often a location such as this will require a minimum of piping changes because pipes can easily be extended from a bathroom right below the new one. An unusually attractive bathroom can be built economically by using De Luxe Flexboard (See page 24) for the walls and ceiling.

NEW SHOWER STALL. Just about every new home being constructed provides an enclosed shower. In an old house the chances are that you too can have a separate shower and enjoy the advantages of this feature right in a corner of your present bathroom. Because it is unaffected by moisture and steam, De Luxe Flexboard is exceptionally fine for shower stalls. Yes, and it's easy to keep clean with a damp cloth.

TANDEM LAVATORIES FEATURE THIS REMODELED BATHROOM. This trick of twin basins is increasingly popular because of time-saving advantages to a busy household. Morning starts especially are speeded up when two members of the family must leave for work or school at the same time. If you have an oversized bathroom to do over you may find this idea less costly than dividing the room into two separate units. Note how the water-closet is treated for desirable privacy. De Luxe Flexboard is ideally suited for improvements like this. "Streamline" style has been used for the upper half of the walls, plain sheets for the wainscoting around the lower portions.

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Ideas for

EXTERIOR REMODELING



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A NEW LOOK



for old houses

The first half of this book discussed interiors, and suggested what could be accomplished with new treatments for individual rooms. Now let's look around outside and consider the exterior appearance, and how it can be improved and modernized.

"Lifting the face" of an outmoded house is a fascinating venture. It is remarkable how, with skillful handling, even a seemingly shabby house can be made over, economically, so that it has a new, up-to-date look. At least one example of an outstanding improvement brought about through remodeling can be found in almost every neighborhood.

Actually, many of the outmoded houses in long established communities are the work of builders and architects during the Victorian era when skillfully worked out house plans were not in fashion unless they were loaded with "gingerbread," cupolas, bays and ornate porches. Modernizing in such cases may mean little more than bringing to light the nice clean, trim lines that up to now have been concealed and confused by an overdressed exterior.

It may mean demolishing a porch; slimming down heavy trim or overhangs or clearing away other poorly planned parts and replacing them with features which are suitable, and which simplify the appearance of the house. If major changes are called for, your best course is to talk it over with your building material dealer right at the outset of your planning. Because structural changes often represent an important investment he may recommend the services of an architect, whose expert knowledge and training will assure that you receive all the benefits possible from the proposed alterations.

The selection of materials plays important part in remodeling

In planning a new exterior for an existing home there are three key considerations. The first, of course, is appearance. Every owner wants his house to invite favorable attention. But roof and exterior wall surfacing materials should not be selected on the basis of attractive appearance alone.

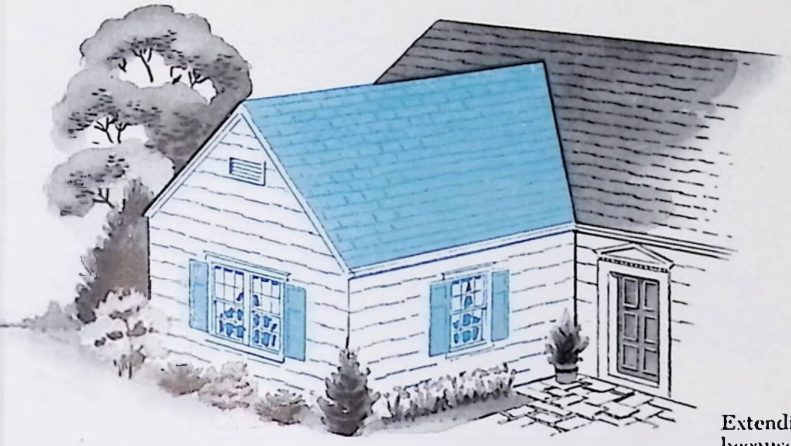
The foresighted owner who plans to remodel his home will also give serious thought to the important matter of maintenance costs—and to the no less critical subject of safety and protection against the ever present hazard of fire.

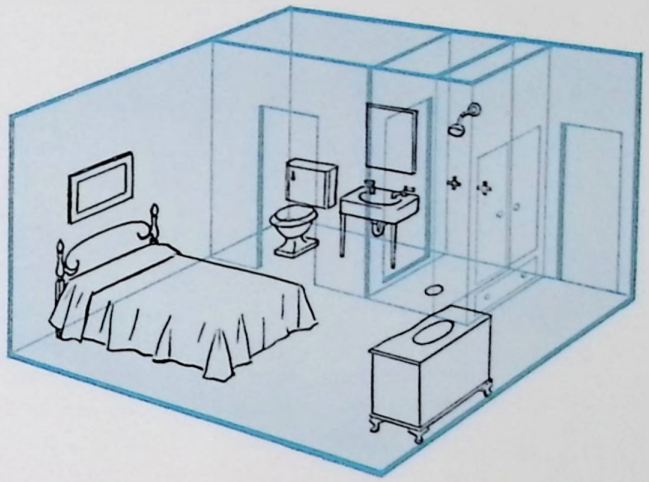
Fortunately, the selection of materials to meet each of these requirements is not difficult today. Indeed, the manufacturers of building products have succeeded in combining beauty of color, texture and design with qualities that afford protection against fire, weather and wear in entirely new types of materials. On the following pages you will find evidence that demonstrates some of the outstanding progress which has been made in the field of materials for the exterior walls and roofs of today's homes.

You will find too, along with other practical information, ideas for converting or enlarging the living quarters of your house; how to go about adding a wing, and even a list of critical points of construction that require periodic attention and maintenance.

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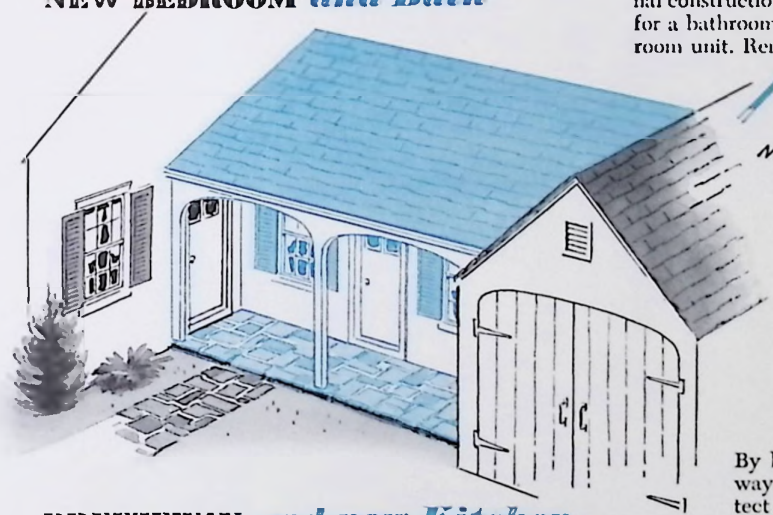
IDEAS FOR ADDING *Extra Rooms*

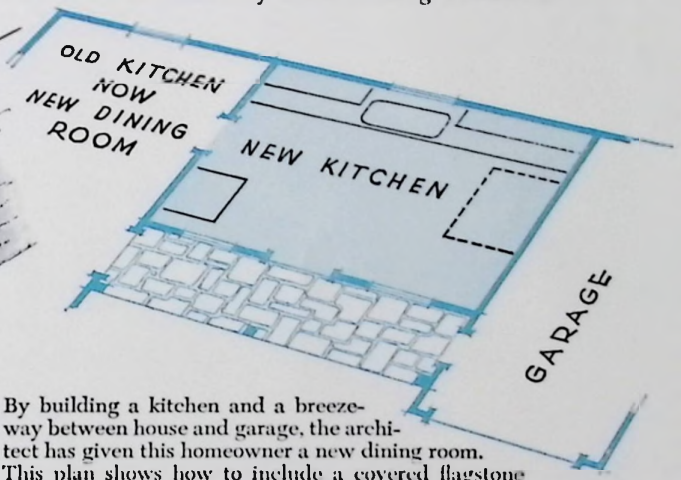




NEW BEDROOM *and Bath*

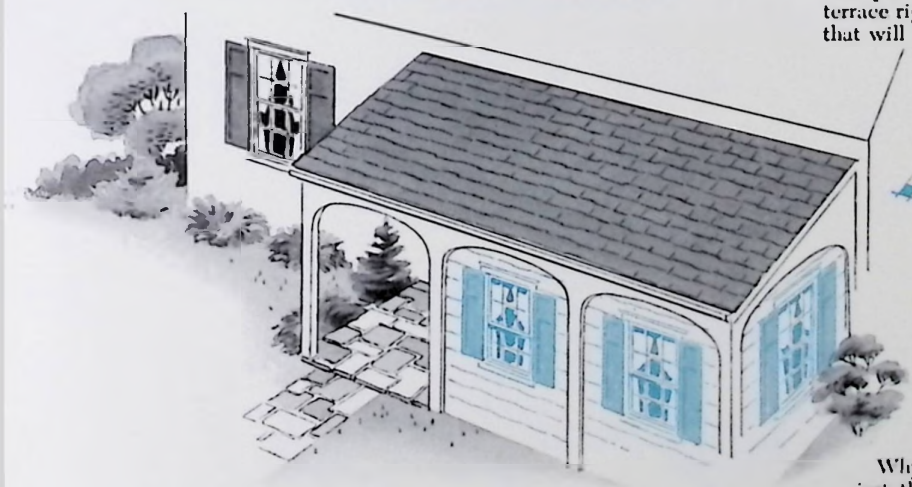
Extending the story-and-a-half style of house is entirely practical because it is so easy to make the new addition seem part of the original construction. Notice how cleverly the architect has allowed space for a bathroom and wardrobe-type closet in planning this new bedroom unit. Remember to insulate any addition during construction.

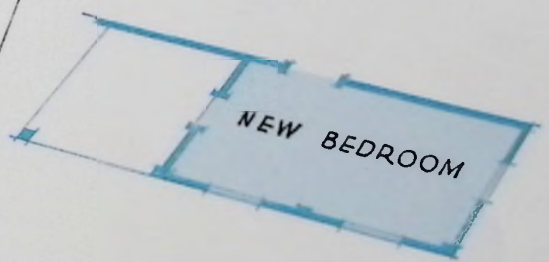




BREEZEWAY *and new Kitchen*

By building a kitchen and a breezeway between house and garage, the architect has given this homeowner a new dining room. This plan shows how to include a covered flagstone terrace right outside the new kitchen door, leading from the garage that will protect you in stormy weather; give summer shade.





ENCLOSED PORCH

Why not use your porch all year 'round instead of just the few summer months? Usually, enclosing an open porch proves a valuable, low-cost investment because you can take full advantage of existing construction. Don't forget to insulate it well. Provide plenty of windows and it still will serve during hot weather.

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two suggestions for adding a wing

If you are thinking of extending the living quarters of your home, or contemplating any major alterations to the structure, it is advisable to obtain the services of a competent local architect right at the start of your planning.

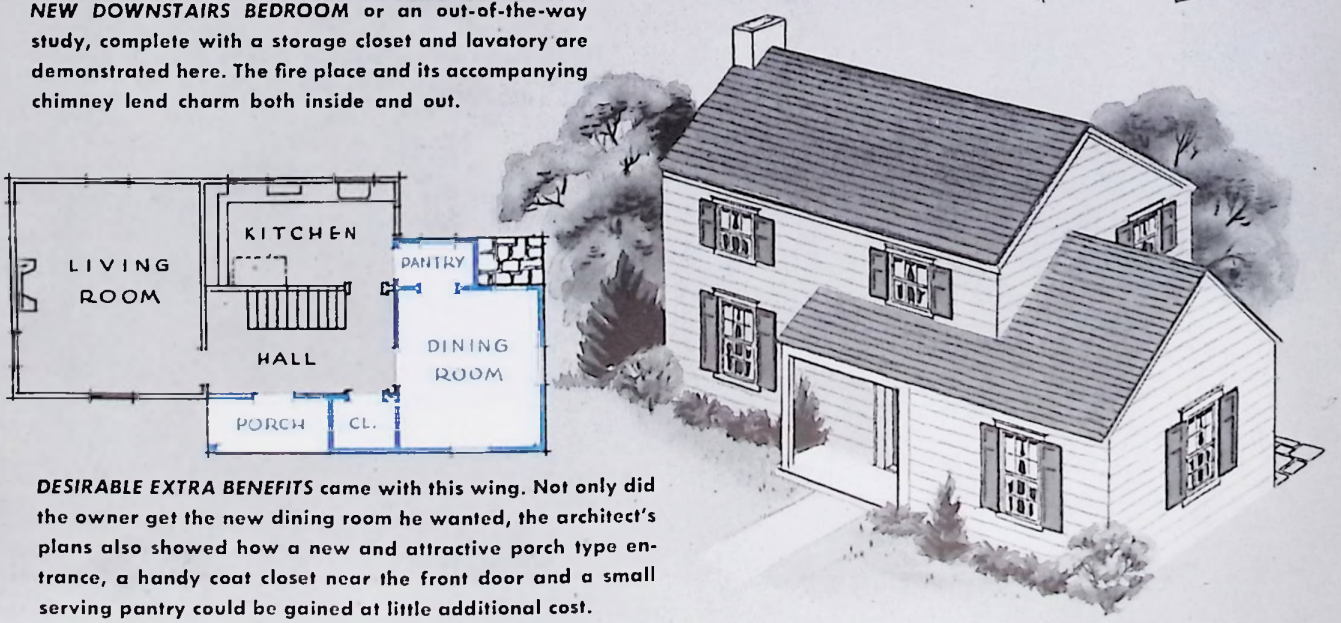
Not only will he save you money in the long run, but also he can help you gain additional features that you probably would overlook if you went along "on your own".

Here are two excellent examples of newly created wings designed by an expert. Notice how skillful planning has retained desirable unity of the enlarged structure, how extra and valuable features can be gained at little extra cost.

Notice too, how much more character these extensions bring to the house along with the greatly improved comfort and convenience they will afford the whole family.



NEW DOWNSTAIRS BEDROOM **or an out-of-the-way study, complete with a storage closet and lavatory are demonstrated here. The fire place and its accompanying chimney lend charm both inside and out.**



DESIRABLE EXTRA BENEFITS **came with this wing. Not only did the owner get the new dining room he wanted, the architect's plans also showed how a new and attractive porch type entrance, a handy coat closet near the front door and a small serving pantry could be gained at little additional cost.**

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the camera shows how old homes can be made new again with Asbestos Siding Shingles

For the full story of this development, see following pages



Once a weatherbeaten old house badly in need of repairs—now a charming modern home. Johns-Manville Asbestos Siding Shingles in Permatone White were applied right over the old walls to effect this amazing transformation.



A remodeled porch-type entrance worked wonders for this small bungalow. A little colorful trim on the shutters for contrast, highlights the beauty of the new exterior of Dover White Asbestos Siding Shingles (see page 40).





This house was in need of a general exterior "going over". But now, the outside will never again need protective treatment. J-M Asbestos Siding in Silver Gray has given it a new look and fortified it against both fire and weather.

Here's another old house that had been sadly neglected. Simple changes however added a whole new second floor. More windows, another bay and gable, plus application of J-M Asbestos Siding Shingles made the difference.







BEFORE

the story of

ASBESTOS SIDING SHINGLES

and what they contribute to the home

Not so many years ago the only way a homeowner could avoid periodic expense for taking care of the outside walls of his house was to build them of stone or brick. But usually these materials were too costly for the average owner. In addition, they did not always fit the style of architecture.

Scientists studied this problem in an effort to develop low-cost material that would combine the permanent and freedom-from-maintenance qualities of stone with the charm and texture of weathered wood. In asbestos fibre and portland cement they found the answer. Today asbestos shingles are one of the most popular siding materials on the market. They are widely used by builders and architects on new houses in almost any price range. And because they can be applied so easily and economically right over old walls, asbestos siding shingles have completely transformed the exterior appearance of hundreds of thousands of old homes and have saved owners countless sums of money in annual maintenance expense.

A remodeling job of this kind has another advantage. Because asbestos shingles can be applied right over the old siding, the entire house is made snugger and tighter. In winter there are fewer drafts, less air infiltration and there are desirable fuel savings.

In addition to white, as shown here, Johns-Manville Asbestos Siding Shingles also come in a number of beautiful Permatone colors which you will find illustrated and described on the following pages.



A F T E R

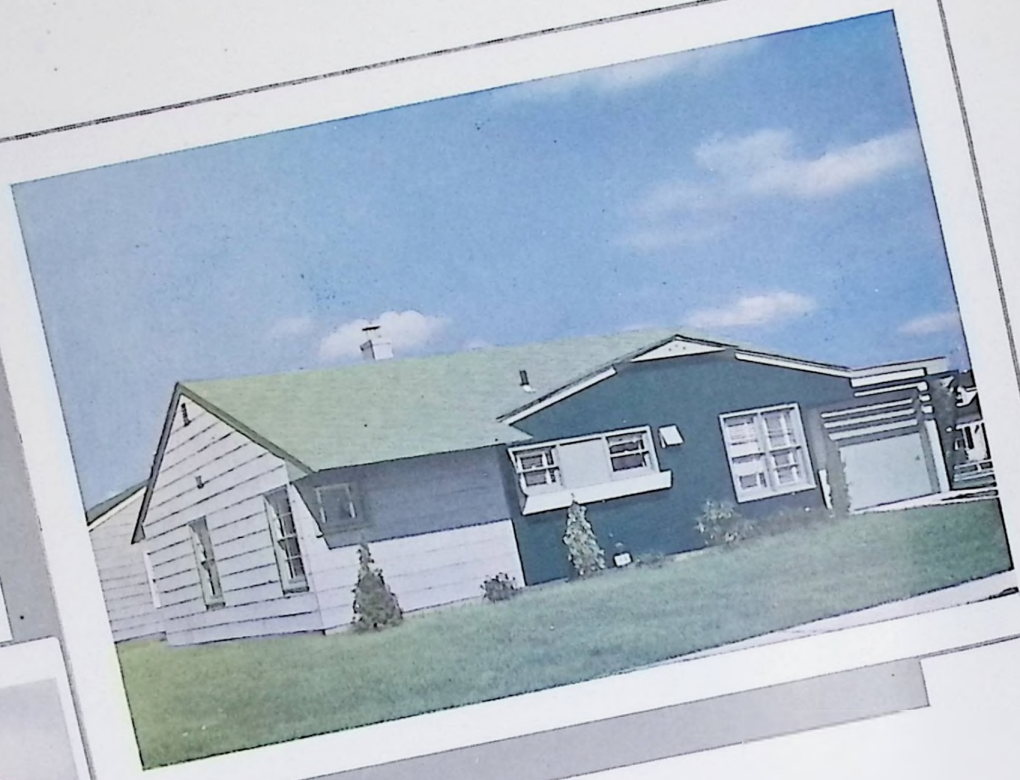
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presenting

Johns-Manville

SMOOTHGRAIN PERMATONE

Asbestos Siding Shingles





Here is the very latest development in a building material for exterior wall surfacing. An achievement of the J-M Research Laboratories, and one that many prominent builders are using today, Smoothgrain Asbestos Siding Shingles have a perfectly smooth surface. Yet to the eye, these new shingles give the appearance of deep and distinctive texture. Actually their dense, hard, smooth surface prevents dirt and soot from clinging and makes them highly resistant to soiling even after long years of exposure.

Equally well suited for either remodeling or building, Smoothgrain Permatone shingles come in beautiful colors! There is Silver Gray, which goes with any color scheme. For those who prefer the tones of nature, there is Heather Green, or Autumn Brown. Finally, one of the most striking of all is the Weathered Gray.

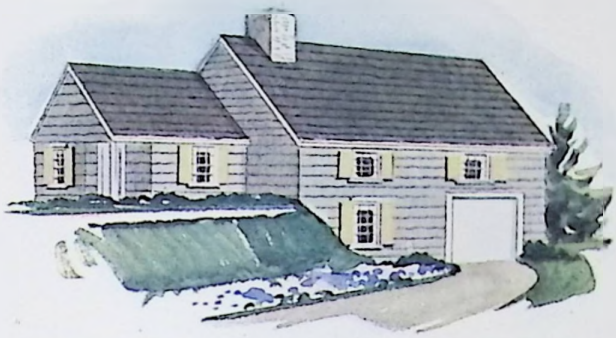


A U T U M N B R O W N ⇨

Here is a two-story Colonial treated with J-M Autumn Brown Permatone Siding Shingles set off by white trim. The dark brown roof helps capture the rich shadings of Fall, so appropriate to this popular style of architecture.



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HEATHER GREEN →

This split-level cottage nestling into its sloping site has J-M Permatone Siding in Heather Green, and a dark green roof. White and Yellow, used sparingly for trim, were chosen to provide additional color interest and contrast.



← SILVER GRAY

An authentic Cape Cod home styled in the simple traditional green and gray color scheme, with Smoothgrain Silver Gray Shingles on the side walls. Notice how the bright red brick in the chimney lend an accent note.



WEATHERED GRAY →

For this new Ranch Type house, J-M Permatone Siding in Weathered Gray has been combined with a red roof and white trim. This is a proven color treatment that never fails to bring a feeling of warmth to a house.

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Johns-Manville Asbestos Siding Shingles are easy to apply

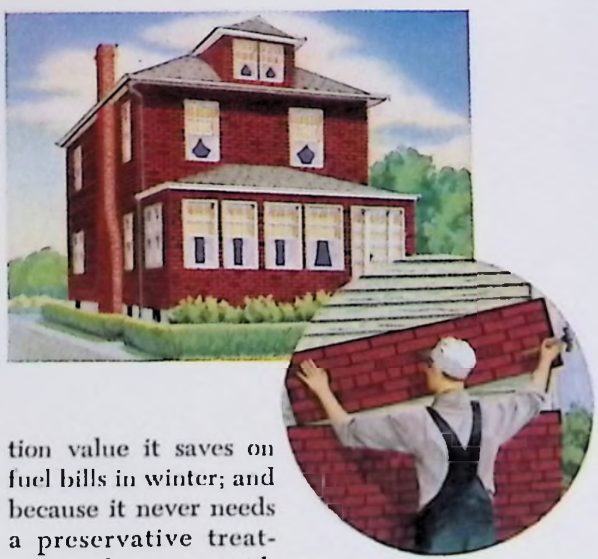
One outstanding feature of J-M Asbestos Siding Shingles which makes them so practical and economical, is the ease and speed with which they are applied, either on new buildings or old exteriors. No special tools are necessary and anyone skilled in the application of building materials can do the job.

On an existing frame building they can usually be nailed directly over the old wood siding. On new construction, they are applied over the sheathing in the same manner as ordinary shingles. In either case, a waterproof, felt "backer" strip furnished with each shingle provides maximum protection against the passage of rain or moisture at vertical joints.

Unless J-M Weathertite Sheathing is used (see page 61), it is recommended that 15 lb. J-M Asphalt Saturated Felt be used as an under lining between the shingles and the sheathing or old siding to afford additional protection and reduce wind infiltration.

here's a siding material that insulates as it builds!

Realizing that many homeowners would welcome the opportunity of adding insulation to their houses at the same time the old outside walls were being done over, Johns-Manville has developed a popular sidewall material known as Insulating Siding. Available in Brick or Shingle design, it can be applied right over worn out shingles or clapboards. Once in place it saves you money in two ways: because of its insulation value it saves on fuel bills in winter; and because it never needs a preservative treatment it does away with periodic upkeep expense for the exterior of your home. Even in those areas where smoke and soot are commonly present in the atmosphere, Insulating Siding is remarkably resistant to soiling, and will for many years, retain its new and fresh appearance. Insulating Siding is made on a base of specially treated J-M Insulating Board. It is amazingly stiff and strong yet it can be cut and nailed easily. This base sheet is given a heavy coating of selected weather-resistant asphalt. Colorful mineral granules are then firmly

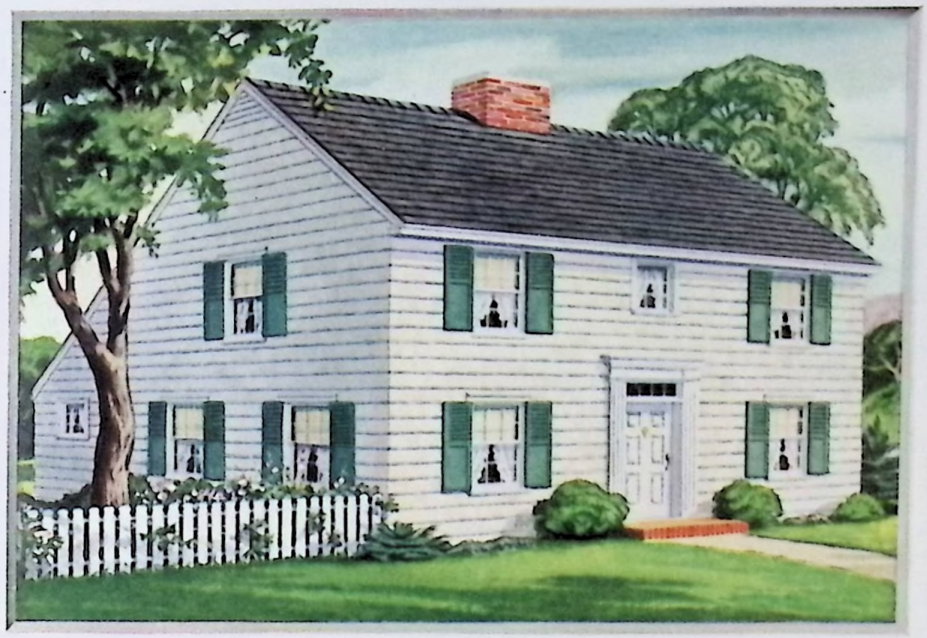




embedded in the surface in an authentic brick design, or popular shingle design. The brick design is made in Red and Buff blends. The units measure 15" by 48" and the edges are shaped in such a manner as to conceal the joints and also make the house tight and keep out the elements.

If you are thinking of doing over the outside of your house, we suggest that you investigate all the many benefits of this popular siding material. It is amazingly economical in cost, and is very quickly applied. It will do wonders for appearance and because it insulates as it builds this dual-purpose siding will make your home far more comfortable the year round.

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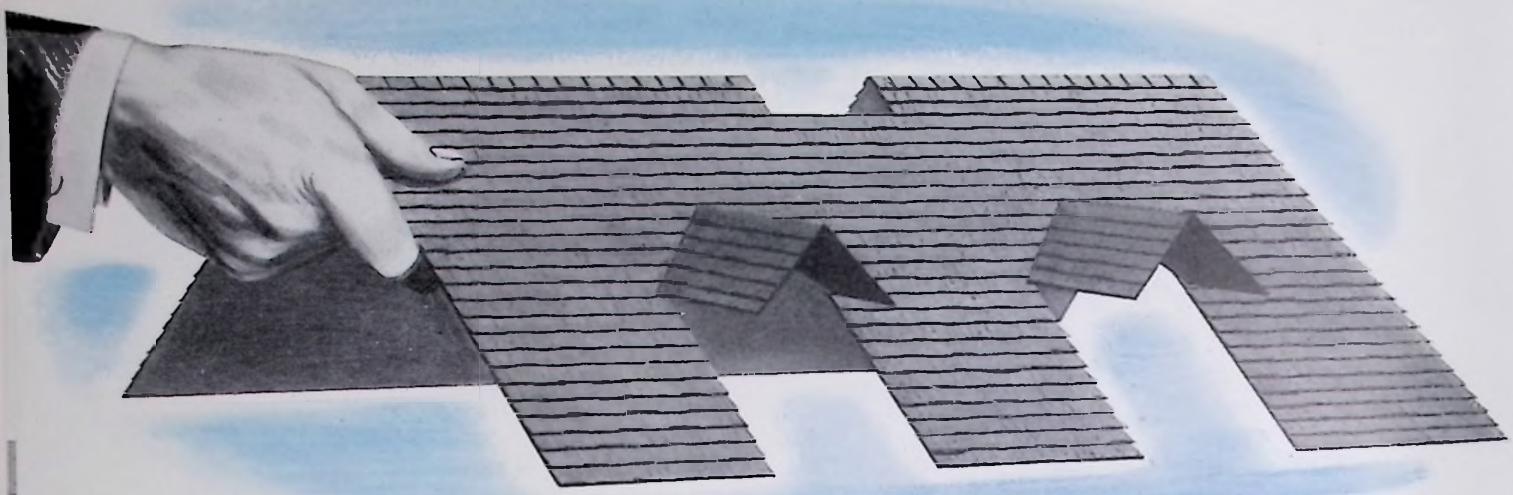
Old America Made New



the ROOF *can be the crowning beauty of your home*

The function of the roof is to keep out the elements, but from the point of view of design, it can often determine the entire appearance of the house. Today, thanks to the research laboratories of industry, new and better roofing materials are available which not only protect against weather, but also provide a new note of color and beauty for every home.

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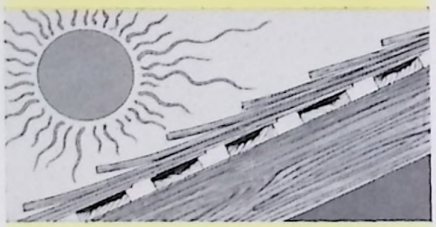


the protection of your home depends upon your

ROOF



Age has curled these shingles. Driving rain gets through to the roof boards.



Nor does the sun dry the roof deck properly. The boards remain damp.



Here's the result. Rot and decay have destroyed the entire understructure.

Everyone knows that it pays to take care of his home. If a window is broken, if a porch step needs repair, or if a door refuses to close properly, the condition is promptly corrected or repaired. But, because the roof is one part of the house with which the home owner has little personal contact from year to year, it is seldom he will recognize the signals that indicate the approach of trouble. And this is true in spite of the fact that the roof is the first line of defense in the battle with rain, snow, sun, wind and the other forces of nature.

When shingles have become dried out, split, cracked, curled or lifted, the roof boards underneath are exposed to serious punishment even if there are no "visible" leaks in the house. Soaked time after time by rain and snow, these boards do not dry properly but remain wet for long periods of time. And you know what happens to wood that is constantly moist and damp. Rot and decay eat away at the roof framing, weakening the whole understructure.

"a stitch in time saves . . ."

When rot and decay attack the vital understructure of a roof, a reroofing job often becomes a serious problem because the new roofing material cannot be securely fastened in position. In this case, it may be necessary to replace the entire roof framing before new shingles can be applied. This is an expense that might have been avoided.

Storm damage is another constant threat to old dried-out roofs which have served their time. With such roofs, the curled and split shingles where the nails have become loosened are an invitation to high winds, driving hail and rain. Unfortunately, insurance is not the answer to all such damage because too often irreplaceable household furnishings are ruined as a result of the inevitable leaks.

That is why it is so important to do something about a badly weathered roof long before actual visible leaks occur. Your safest course is to have your roof inspected periodically by an expert, and to buy a "lifetime" roof if reroofing ever becomes necessary.

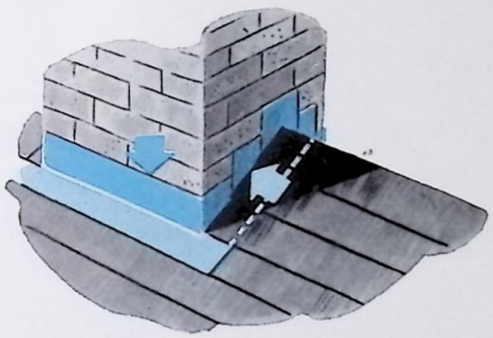
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here are

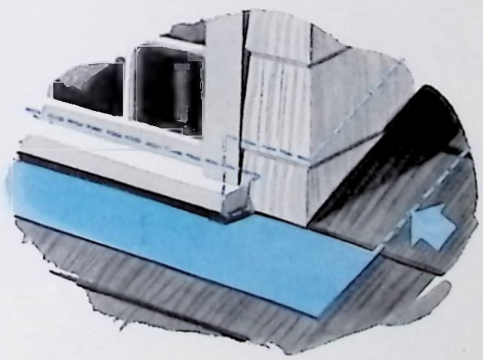
CRITICAL AREAS

that need periodic attention

Periodic inspection of your roof, by a qualified expert, can afford real economy over the years in keeping your home weather-tight. Quite often the places prone to cause trouble are the flashings and valleys. Expansion and contraction resulting from temperature changes, plus the stresses and strains of storms and high winds may damage these critical areas. Aside from checking on the roofing material itself, the expert will recognize and report any signs of trouble at these areas which may need attention:

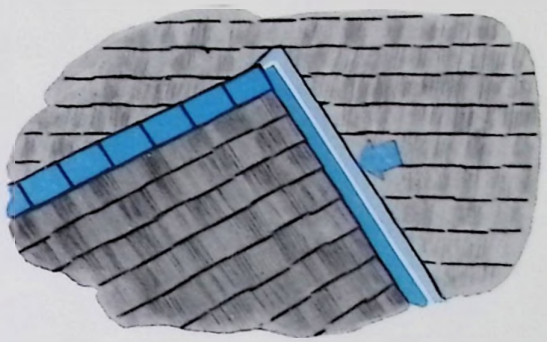


CHIMNEY FLASHING Unless the protective flashings around chimneys are constantly maintained in sound condition, damaging leaks occur. Any indications of corrosion or separation of the flashing from the chimney are sure signs of trouble ahead.

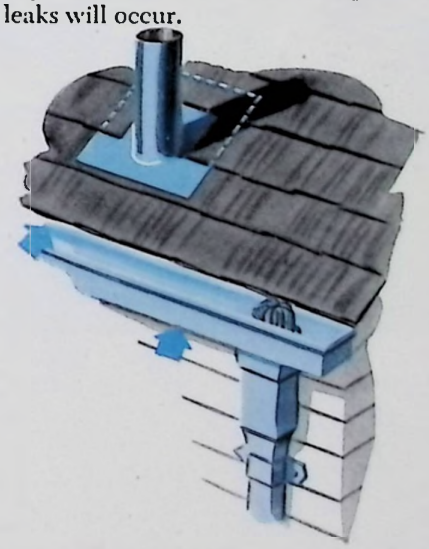


DORMER WINDOW FLASHING A dormer window as shown here, creates a critical junction where the vertical sides of the dormer join the roof surface. Sound roofing practice requires metal flashing to assure water-tight construction. Corrosion, cracking or pulling away of the flashing will, sooner or later, mean unnecessary and costly damage.

The location of leaks around dormers, should they develop, are particularly hard to detect. For that reason flashings here must be properly installed and regularly maintained. The sketch shows how flashing is placed in relation to the sides of the dormer.



VALLEYS AND RIDGES The junctions of different roof surfaces require special construction. Generally these are critical points, but the roof expert can often suggest simple corrective measures to avoid any serious interior damage. Because water running off roof slopes tends to converge in valleys they represent particularly vulnerable areas. Unless the flashing is properly maintained in water-tight condition, serious leaks will occur.



VENTS, GUTTERS Another source of possible trouble is the area of the roof immediately surrounding vent pipes, which must be properly flashed into the roofing. Gutters that are not pitched properly to carry off water rapidly may give trouble by permitting ice to form at the eaves and force its way up under the lower courses of roofing. Then, when the ice melts, leaks may ruin the interior wall.

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American Colonial Asbestos Roof Shingles

Johns-Manville has recently developed a moderately priced roof shingle that has all the rugged, lasting and fireproof qualities for which asbestos shingles have always been famous, plus new styling, new beauty, and a new note of architectural simplicity. It is designed in such a manner as to insure quick, low cost application. This shingle is called the American Colonial and we believe it represents the most outstanding value in our more than 90 years' experience in the manufacture of roofing materials. Johns-Manville is especially proud of this development because now almost every homeowner can afford the beauty and long-range economy of an asbestos roof. Whether you are considering a new roof for your present home, or planning to build a new home, we strongly recommend its selection. . . .

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these colorful, weather-defying fireproof shingles are built to last...

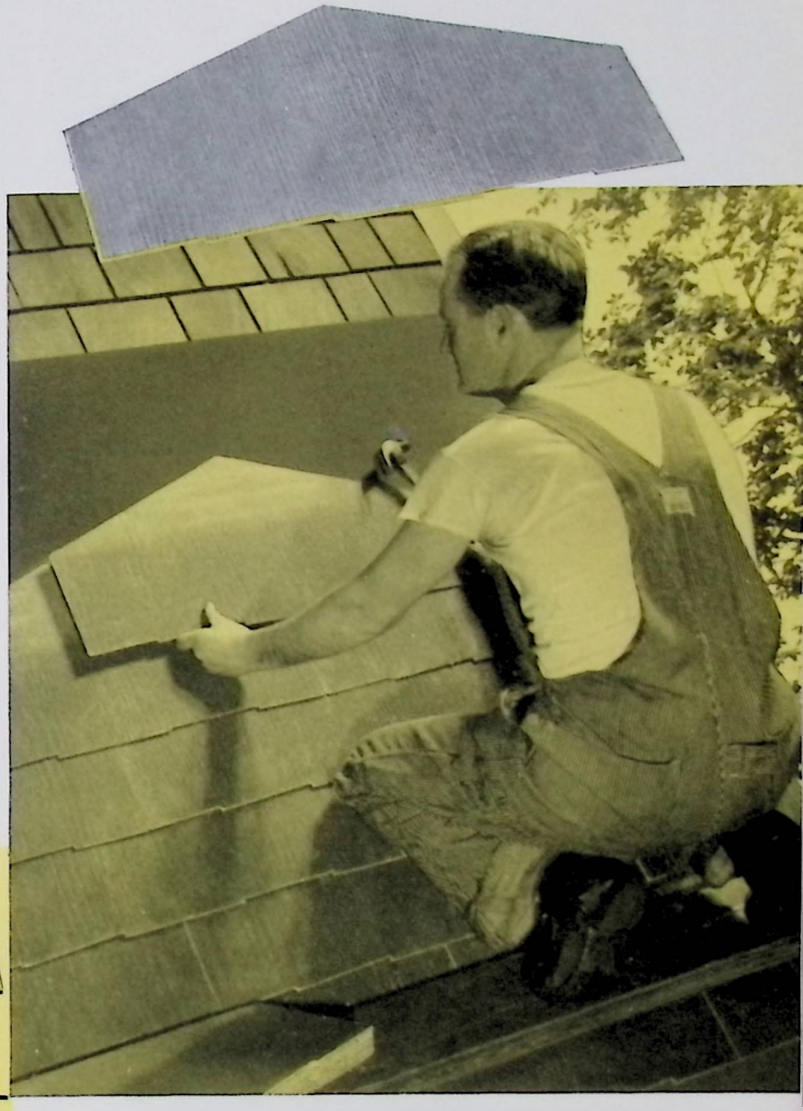
40 YEARS *plus**

Johns-Manville asbestos shingles are made of two imperishable materials, asbestos fibre and Portland cement. They have the permanence of stone. Not one has ever burned. Not one has ever worn out.

* Built to last "40 years plus", is really an understatement. We have examined many of the very first Johns-Manville Asbestos Shingles applied on roofs over 40 years ago. Today, those shingles are as staunch as ever, show not the slightest trace of deterioration. We sincerely believe they will last at least another 40 years—and probably a good deal longer.

They are also fireproof! The hazards of sparks from your own chimney, or burning brands from neighboring fires are anxieties you can forget once and for all. Asbestos cannot burn! Furthermore, a roof of asbestos shingles will, in many localities, save you money on fire insurance premiums.

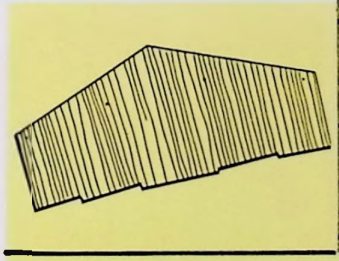
American Colonials blend in perfectly with any style of architecture. They have a slightly staggered shadow line, a deep grained, mellow texture and are produced in a nice range of carefully chosen, pleasing colors, and blends worked out by experts.



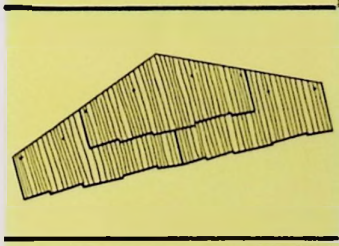
As you can see in the photograph above, American Colonial Shingles can be applied right over your old worn out roof. Special time-saving features mean faster work and lower application cost. And once in place your roofing worries are over. They will last 40 years, plus.

Special design speeds application

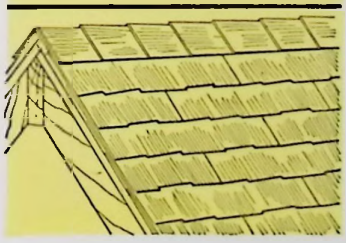
The J-M American Colonial Asbestos Shingle is a multi-unit asbestos-cement "strip" that covers as much roof area as five ordinary individual shingles. Thus the workman has far fewer pieces to handle.



The special self-aligning and self-spacing features of American Colonial Shingles help speed the work, assure correct application and uniform appearance in the finished job.



A roof of American Colonials gives all the pleasing beauty and interesting horizontal shadow line preferred by homeowners since colonial times. They offer a broad choice of colors to match almost any style of architecture.

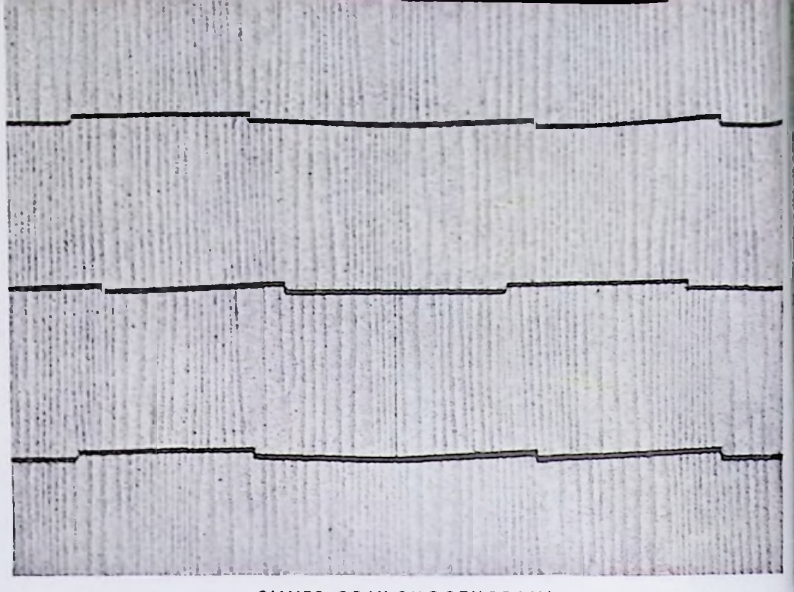


Because they are time-proof, weatherproof and fireproof, J-M American Colonial Shingles offer you the most satisfying roof you can buy. And once applied, they require no periodic upkeep expense. American Colonials will prove an investment in protection that will endure as long as the house itself.

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AMERICAN COLONIAL

asbestos shingles come in beautiful colors and blends



SILVER GRAY SMOOTHGRAIN

One sure way to set your house apart from the ordinary is to choose a roof of American Colonial Asbestos Shingles. These fireproof, rotproof shingles are unusually distinctive in appearance having a slightly irregular horizontal shadow line and the pleasing textured surface of weathered wood. But, in addition, you can select from the lovely array of colors and color blends shown on these pages. These colors are lasting too, being derived from a myriad of tiny colored mineral granules firmly embedded in the surface of the asbestos-cement shingle. There granules are especially selected to retain their permanent lustre.

We particularly call your attention to the Smoothgrain Silver Gray shingle shown above. It makes a strikingly handsome roof and goes well with almost any color scheme you may select for side walls and trim of your home.

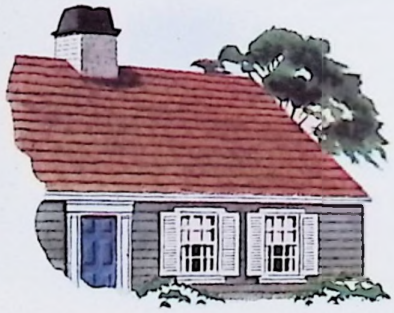
NOTE: In addition to the American Colonial Asbestos Shingle illustrated and described on these pages, Johns-Manville also manufactures the Salem shingle, an individual asbestos shingle for American Method application. For full details, consult with your J-M dealer.

COLOR NOTE

With a Green Blend roof you can use cream walls and dark green trim for distinguished color styling suited for many homes.



GREEN BLEND



COLOR NOTE

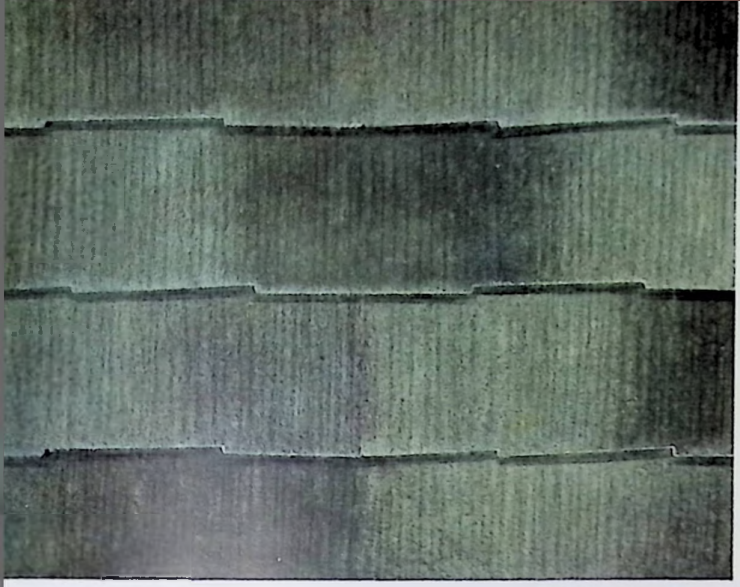
Here a Red Blend roof, dark gray siding and white trim make a distinctive combination. Notice the blue front entrance door.

RED BLEND





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WEATHERED GREEN BLEND



TOURAINE RED BLEND

COLOR NOTE

With a Weathered Green Blend roof and white exterior, you may want to use golden yellow on the shutters for accent.





COLOR NOTE

This Touraine Red Blend roof sets off the weathered gray siding. White, used sparingly on trim, sharpens color contrasts.

COLOR NOTE

A Black Blend roof is a safe choice on almost any house. Here is one used nicely with autumn brown siding and white trim.



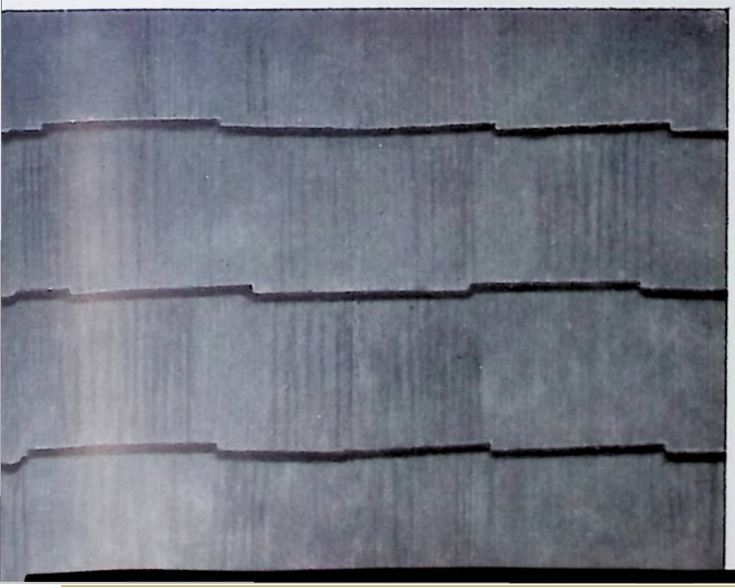


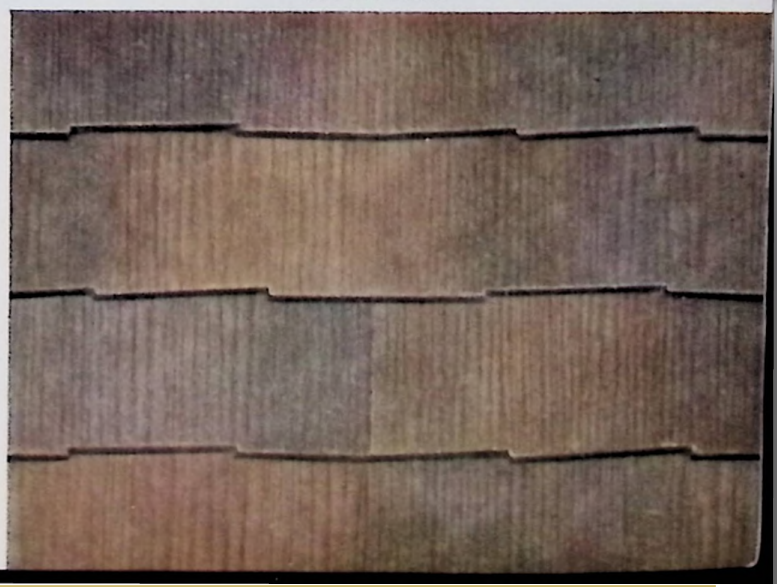
COLOR NOTE

A Brown Blend roof, asbestos siding and a blue front entrance help give this contemporary house an air of distinction.

BLACK BLEND

BROWN BLEND





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What to look for in buying an

ASPHALT SHINGLE ROOF

With asphalt shingles, it is possible to satisfy almost every roofing requirement, because of the wide diversification of styles in which this popular roofing material is available. Actually there is a suitable asphalt shingle for almost every condition and purpose. They are fire resistant and this often results in savings in insurance. Their low initial cost, ease of application, and long life make them truly economical and adaptable to almost every type of building.

heavier weights give longer service

Asphalt shingles are made in several different weights to meet various conditions of service. It is generally true that the heavier the roofing material, the longer service it will provide. Therefore, the heavier materials, such as square butt strip shingles, or individual shingles, are best adapted for permanent structures having sloping roofs.

There are two very important considerations in the selection of roofing for any specific job. These are, 1) the slope of the roof (also known as its "pitch"); 2) the "exposure" of the shingle or the portion which is exposed to the weather.

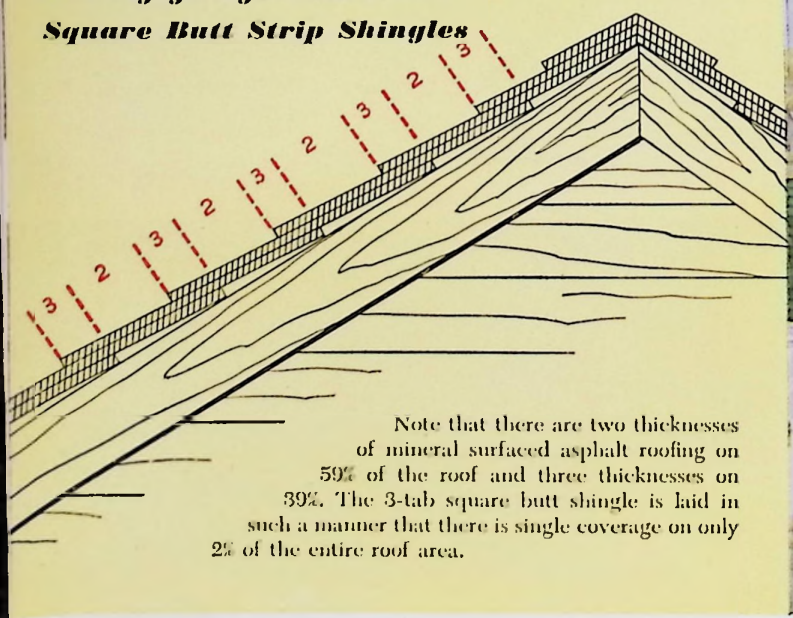
Any type of asphalt shingle can be used on roofs with a pitch of 4" or more per foot. Wherever possible, the amount of the exposure should be reduced or special underlayment of felts provided on roofs having lower pitches. This will increase the headlap and provide better protection against water that may be forced up under the shingle by a driving rain or by an accumulation of ice or snow in winter.

In the final analysis, the quality of the roofing material you select depends upon the integrity of the manufacturer. Therefore, it will pay you to insist on asphalt shingles made by a company that enjoys a long reputation for quality products.

square butt shingles are popular

One of the most popular asphalt shingles is the square butt strip illustrated on the following pages. It provides a horizontal shadow line that most homeowners prefer. Also, it gives excellent coverage of the roof

diagram shows number of layers of roofing you get with J-M Square Butt Strip Shingles



Note that there are two thicknesses of mineral surfaced asphalt roofing on 59% of the roof and three thicknesses on 39%. The 3-tab square butt shingle is laid in such a manner that there is single coverage on only 2% of the entire roof area.



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area as shown in the diagram at the lower left. These square butt shingles are available in two weights: 210 lbs. which have extra heavy butts; and 250 lbs. which are extra heavy material throughout.

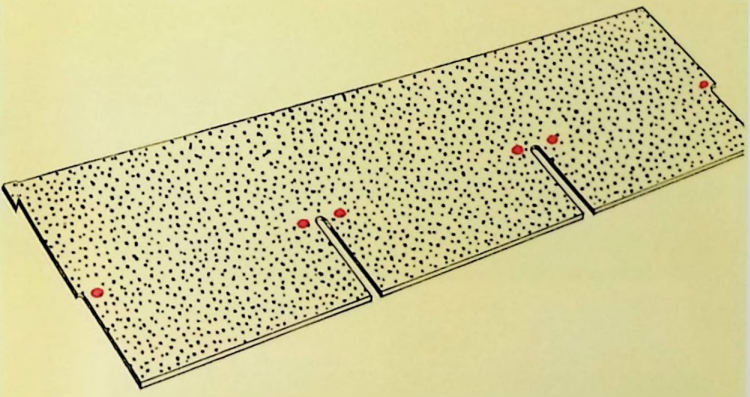
proper application is important

Quality roofing materials alone cannot make a good roof. Quality application is equally important. The extra few minutes needed to read and carefully follow the manufacturer's instructions which are included on or in the package of shingles will pay for themselves many times over and may add years to the life of the roof. In particular, it is important that six nails be used with each square butt shingle as shown in the diagram at the lower right. Skimping on nails may save a little time on the job, but will not result in the shingle giving the long and sturdy service of which it is capable.

choice of colors and blends

"Color Styling" of houses is important today. The roof, being the largest area, should establish the keynote for the overall effect. With asphalt shingles you have an almost unlimited color range to work with. Paint your trim, shutters, etc., in a harmonizing color. You will be delighted at the result. A few of the colors and blends of Johns-Manville shingles are shown on this and the following page.

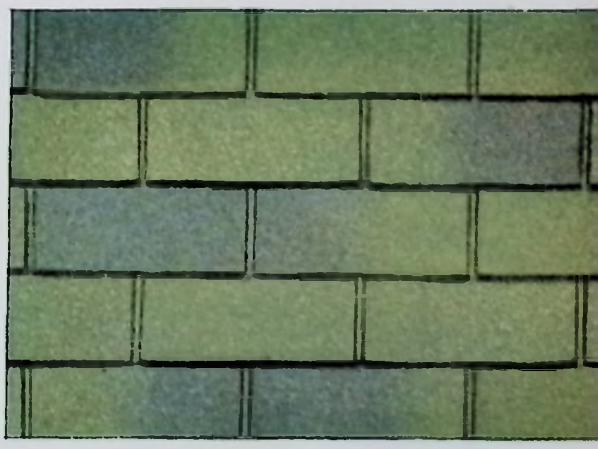
proper application is important



When applying asphalt shingles, the quality workman always follows manufacturer's directions included on or in the package. Note that 6 nails should be used with each square butt strip—two on each side of the cutouts and one on each end. In this manner, each tab is given the same nailing and resistance to lifting as if it were an individual shingle.

Choose your roof from these attractive

COLORS *and* BLENDS



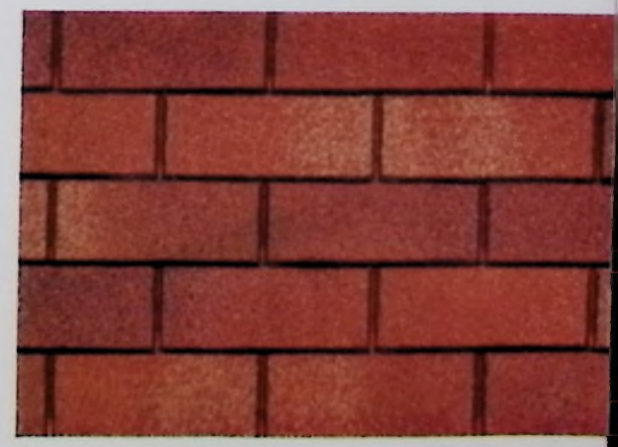
GREEN BLEND



COLOR NOTE

For houses of this general type a warm red roof (see the blend below) will complement the fieldstone portions. Red shutters and a red door strengthen the feeling of warmth.

RED BLEND



Since the colors, and blends, of Asphalt Shingles vary somewhat in different sections of the country, certain ones illustrated may not be available in your locality. It is suggested you consult with your local Johns-Manville Dealer and see actual samples.

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BLUE GREEN BLEND

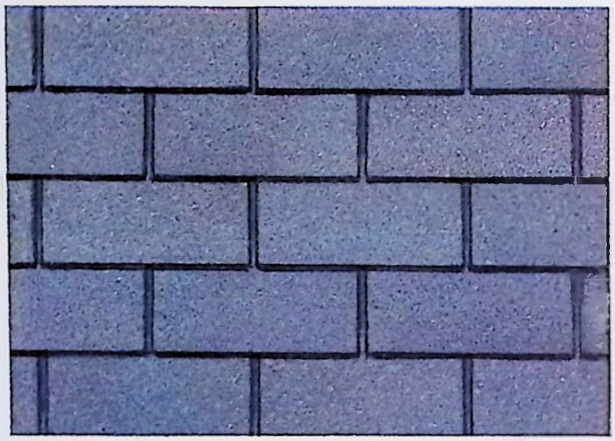


BROWN BLEND



COLOR NOTE

Blue-Green roof, dark green shingles and white sidewalls make an effective color combination. Appropriate for any environment, it is especially suited for Colonial houses. Suggested shingle blend is shown above.

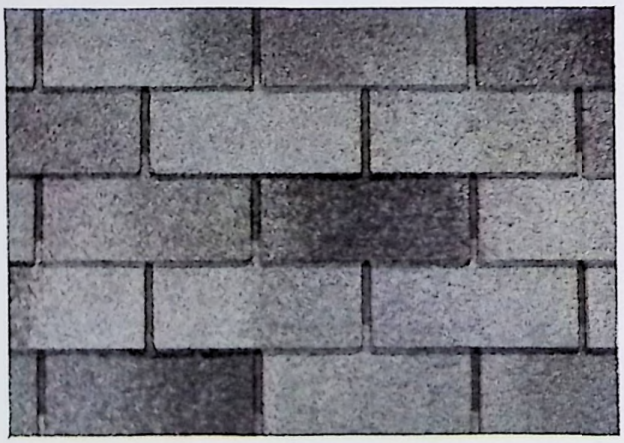


BLUE BLEND

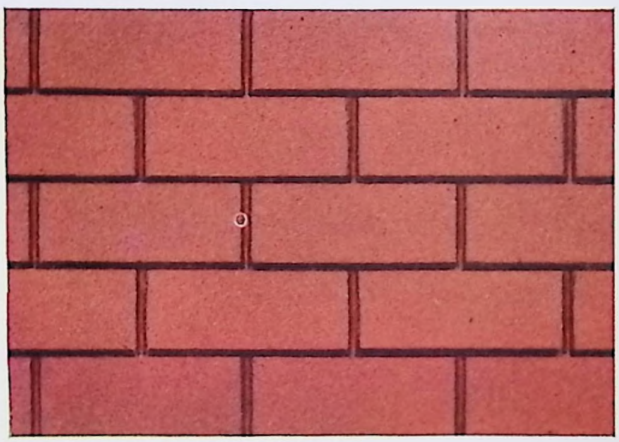


COLOR NOTE

On the Cape Cod cottage shown here, a roof of Blue Blend shingles (as shown at left) has been combined with gray shingled sidewalls. Note how the white chimney, front door and trim lend nice color contrast.



SLATE BLEND

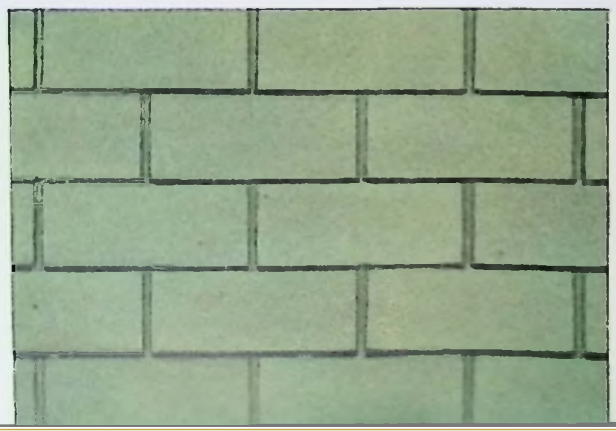


TILE RED

BLACK

SPRUCE GREEN





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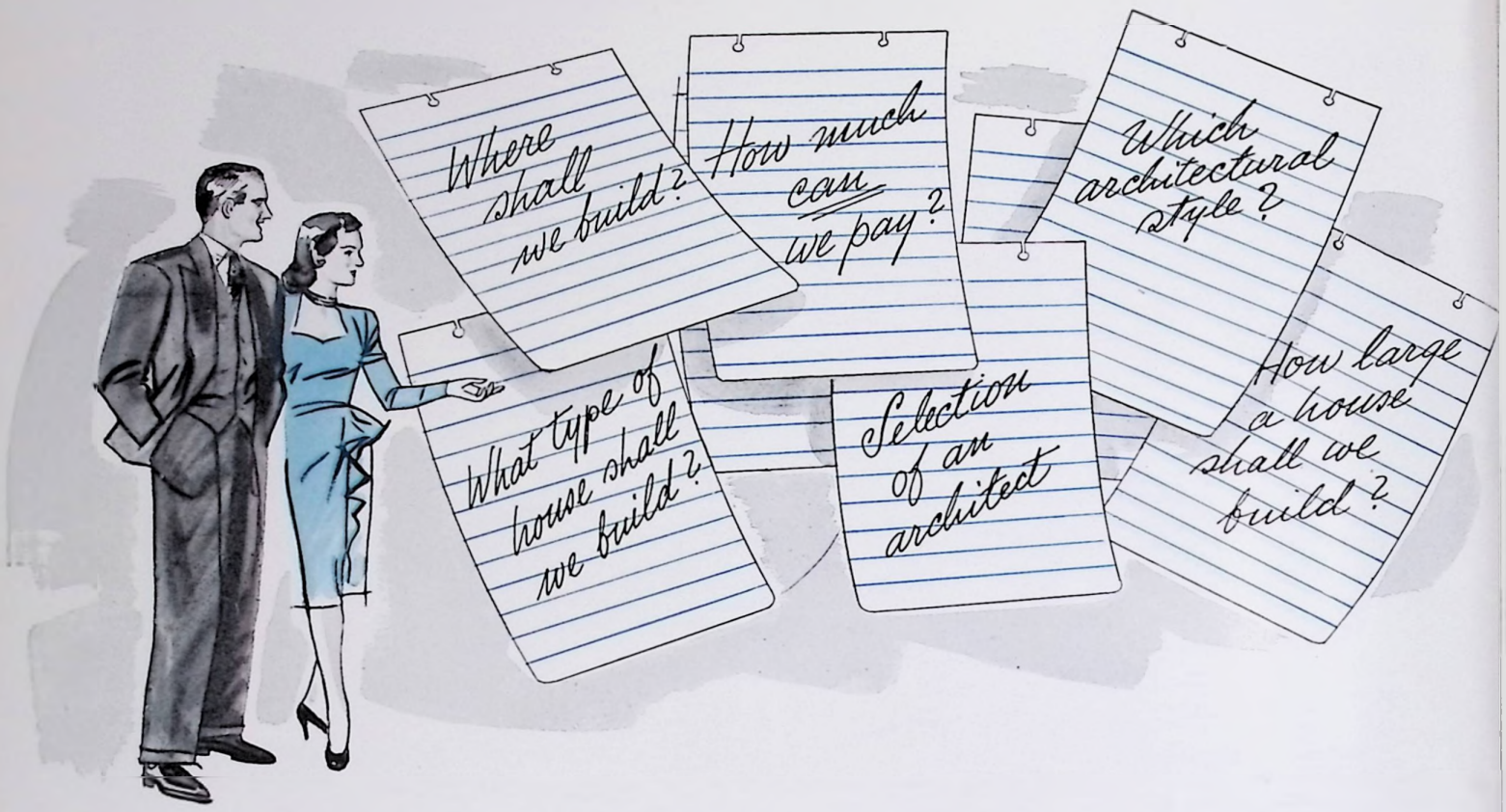


Ideas for

NEW HOMES

For most families, the building of a new home usually proves to be one of the most exciting and memorable experiences of a lifetime. We sincerely hope the ideas and information presented on the following pages will help you gain the greatest satisfaction and happiness from your own building venture.

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DECISIONS *you must make early*

Acquiring a house of your own requires that you find the answers to a number of important questions. If you have now reached the point where you are definitely going ahead, you have probably given these questions some thought while you were weighing the whole idea in its preliminary stages.

These are fundamental questions that would apply equally to the purchase of an existing house, to new construction, or to the purchase of land as a future homesite. To help home planners make some of these important decisions, the following pertinent information is offered:

where shall we build? Chances are the answer to this will be influenced to some extent by the location of the breadwinner's office, shop or plant. But, even if fast, economical and reliable transportation is available, it is wise to stay within an hour's travel time. Preference should be given to the community that is progressive, well-kept and having reasonable building restrictions. One that is already fairly well established may avoid heavy future assessments for the installation of sewer, water, gas and electric services or other construction such as roads or schools. The immediate neighborhood of your proposed homesite should not permit erection of industrial plants, or the operation of any type of commercial or agricultural enterprises that might cause smoke, noise, traffic, odors or otherwise blight the area.

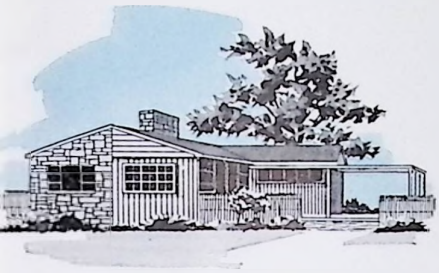
As a general rule, your neighbors should be part of the same social order as yourself. Some may become close friends, and certainly the companionship afforded your children is a factor. Transportation, local shopping, educational and recreational facilities should be convenient and accessible.

Bear in mind that a large building plot of irregular shape usually requires that the house plan also be rambling and irregular to conform. If a small, lower cost home is contemplated, the regularly shaped plot and square, compact house probably will be found more economical. Consider the topography of the plot, whether it is level or sloping, high and dry, or low and wet. Keep in mind that it is costly to level and grade a sloping lot; that low ground can mean additional expense for drainage and waterproofing

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foundations; and that excavating rock is very costly.

how much can we pay? Probably the best way to get the exact answer to this question is to talk with an official of your bank. An individual's income; his savings and credit standing; whether he is a veteran; all are factors which the mortgage lending agency will want to study. Ordinarily, unless you have large savings or other forms of wealth, you can reasonably expect to get a mortgage equal to two, or two and one-half times your annual income. So, if you earn say, $5,000 a year, you can plan a house in the $10,000 to $12,500 range. Again, the amount of cash you are prepared to apply as a down payment will have a bearing on the price you can afford.



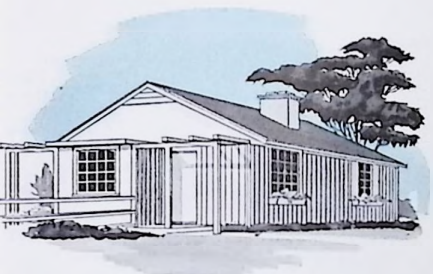
RANCH STYLE

Another idea is to limit the total of your *monthly* housing expenses to the income you receive in one *week*. Interest, amortization of your mortgage, taxes, heat, fire insurance, water and a small reserve for maintenance, etc., all are parts of this monthly outlay. If they do not exceed one-quarter of your income, or one week's salary every month, you probably will not find the house a financial burden.



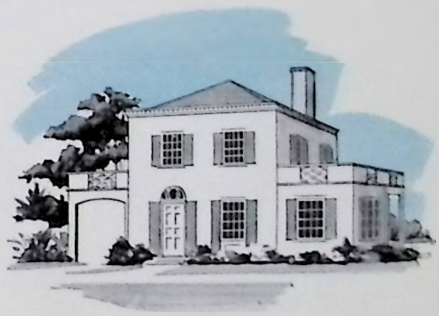
CAPE COD

which architectural style? If you are building in a restricted area where a single style of house predominates, you may want your home styled and designed in keeping with the others, provided it meets the requirements of your family. In unrestricted neighborhoods, the style and type of house may be determined completely by your own taste and preference. It is a wise precaution, however, to avoid style eccentricities or other features of questionable acceptability which others might not appreciate, just in case you should ever desire to rent or sell the house.



CONTEMPORARY

There are many distinctive styles of architecture. The six most popular styles, however, are illustrated here. They offer a variety of effects from which almost anyone should be able to make a happy selection.



GEORGIAN

selection of an architect. The services of an architect are not only desirable in designing and planning your home but also in preparing the specifications describing the construction, materials and equipment to be used. Moreover, he will supervise the construction of your house, if you desire. The fee which the architect receives for his part in the design and construction of a home is quite modest indeed when compared with the invaluable service he renders. So, it is suggested that you consult a local architect who is experienced in residential construction. Your local Johns-Manville Building Materials Dealer can assist you in this selection. And in your discussion with the dealer you will obtain valuable guidance on other phases of home building and equipment.



TWO STORY COLONIAL



FARM TYPE

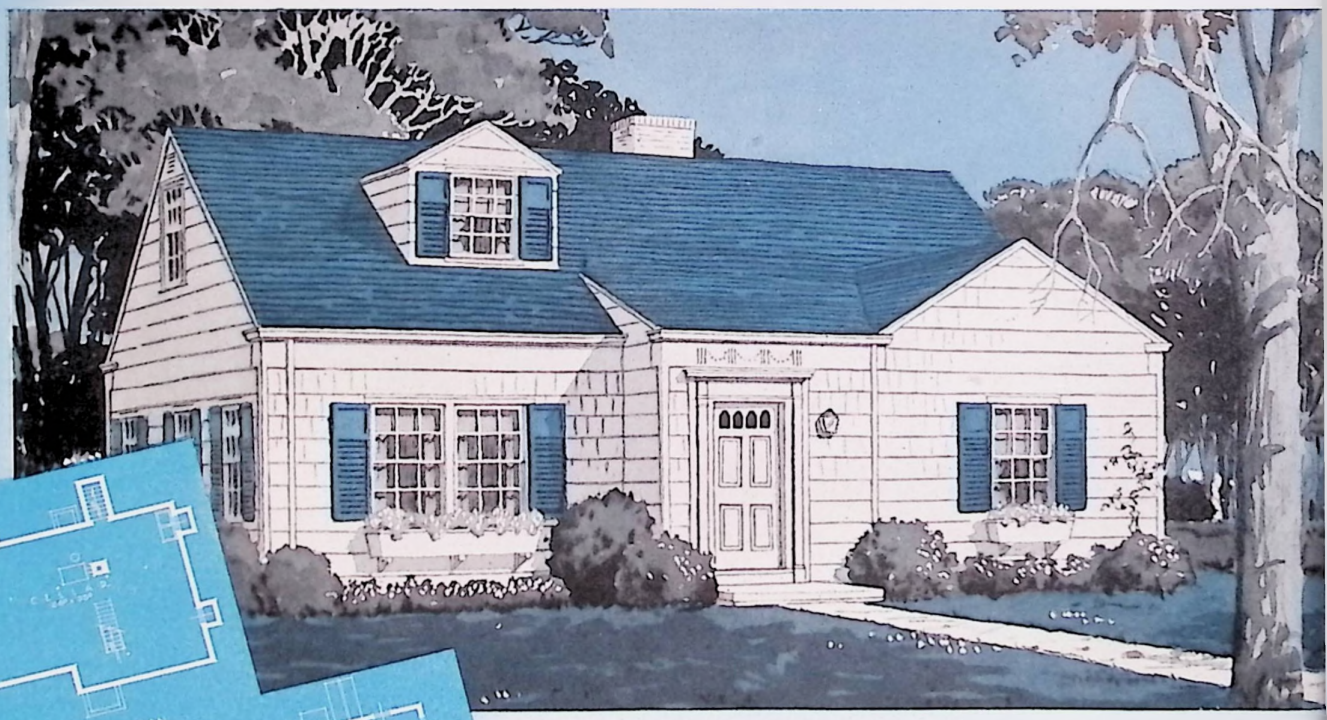
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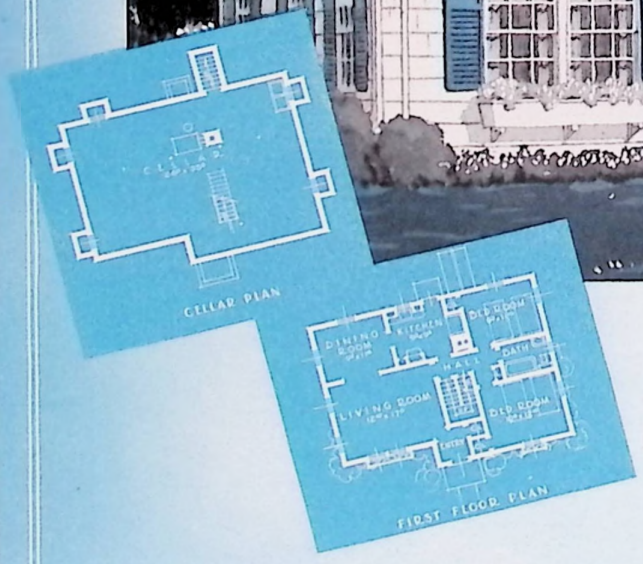
practical, popular

NEW HOME DESIGNS

These houses, designed by nationally known architects, are presented as examples of the attractive and efficient designs the architectural profession offers today in small homes for the average family. Your Johns-Manville Dealer will be glad to discuss these and similar designs with you and suggest how they can be modified by a local architect to fit your individual needs. If one of the houses shown happens to meet your requirements, you can obtain a complete set of blueprints of the house you select for $7.50. These blueprints are available only from The Monthly Small House Club, Inc., 140 Nassau Street, New York 7, N. Y. Write directly to them.

Your J-M Dealer can help you obtain an accurate price for the house of your choice and put you in touch with a local architect to supervise its construction. He can also show you samples of structural and decorative materials and advise you concerning the selection of equipment.



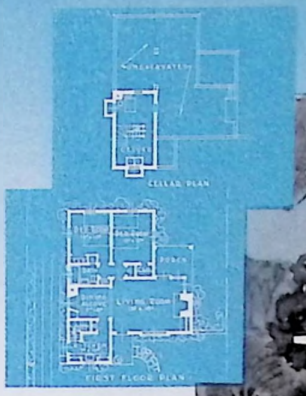


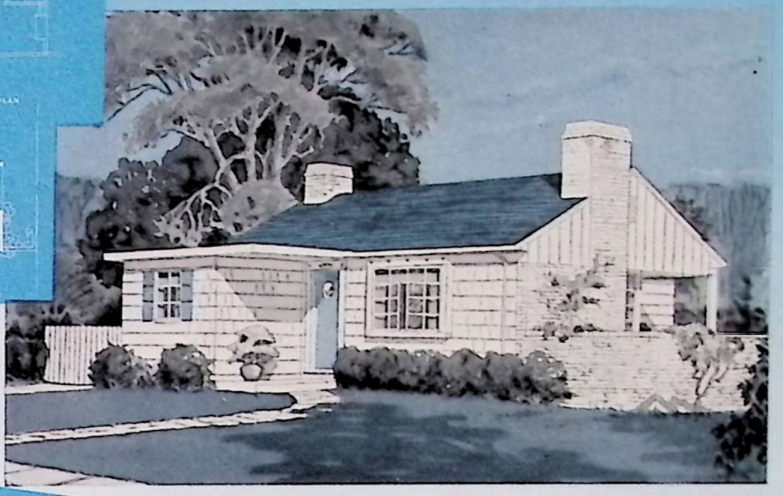
the Cornwall — 5 ROOMS AND BATH

The exterior of this house is enhanced by the dormer and interesting roof lines. The rooms are generous in size and arranged for easy housekeeping. The entry has a coat closet where it is most needed. In the unfinished attic there is space for two future rooms and a bath.

ARCHITECT: *Albert E. Olson*

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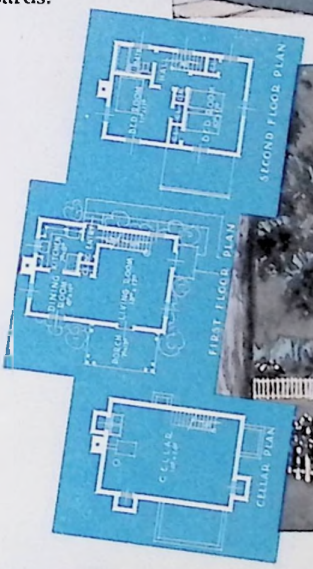


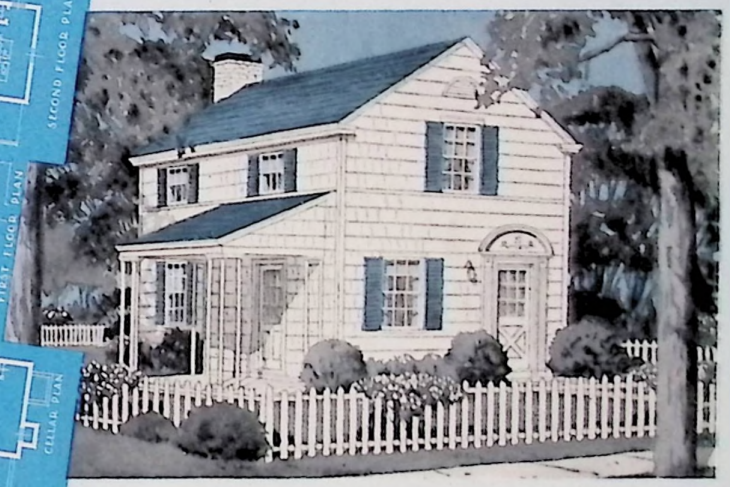
the Berkeley

5 ROOMS AND BATH

A house with a modern feeling. Note the comfortable, well-lighted living room with an adjoining dining alcove. The kitchen is compact, with stairs leading down to a small cellar containing the heater and laundry. The exterior is of brick, shingles and vertical boards.

ARCHITECT: *Randolph Evans*



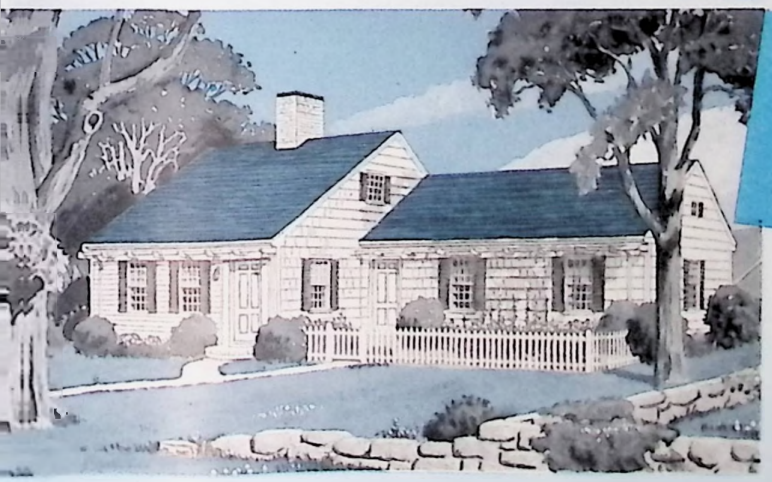


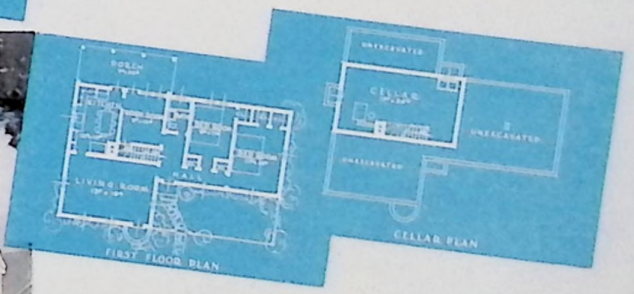
the Bramford

5 ROOMS AND BATH

The arrangement of the living room, dining room and porch makes this an ideal home for entertaining. The full cellar also affords room for games or hobbies. The house is compact, with plenty of closets, and cross ventilation in every room.

ARCHITECT: *Randolph Evans*





the Bogert

5 ROOMS AND BATH

FARMHOUSE TYPE—Especially planned to provide a large kitchen and separate work room both with easy access to porch and outdoors. Two bedrooms on first floor—provision for two extra rooms upstairs.

ARCHITECT: *Royal Barry Wills*

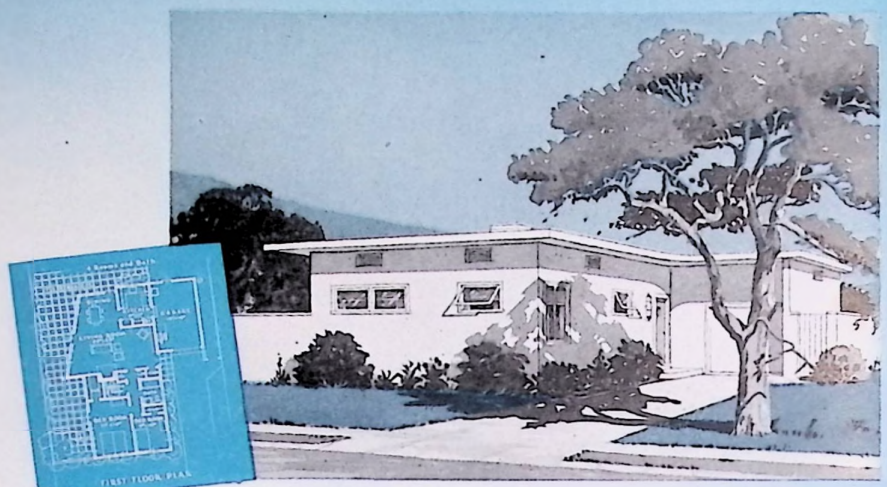
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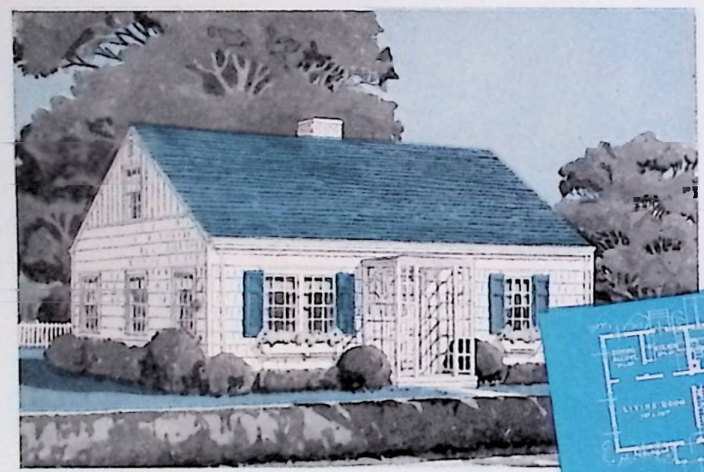
the Beacon

4 ROOMS AND BATH

The windows in this distinctive modern house not only light the rooms, but permit an unobstructed view of the terrace and gardens. The terrace itself, if enclosed by a high wall, might well be used for outdoor living or dining. The attached garage contains laundry trays and access to the storage space above.

ARCHITECT:
William Wilson Wurster



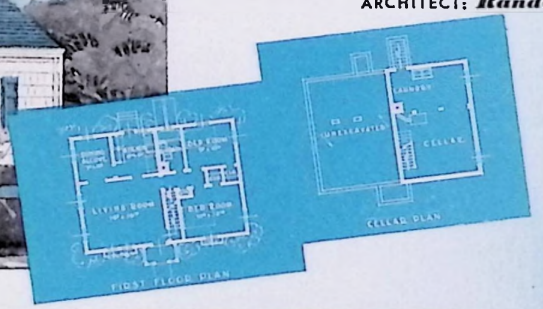


the Crawford

5 ROOMS AND BATH

More than usual window area in the living room is an important feature in this house. The cellar has space for a game room, and the attic for two rooms and a bath.

ARCHITECT: ***Randolph Evans***

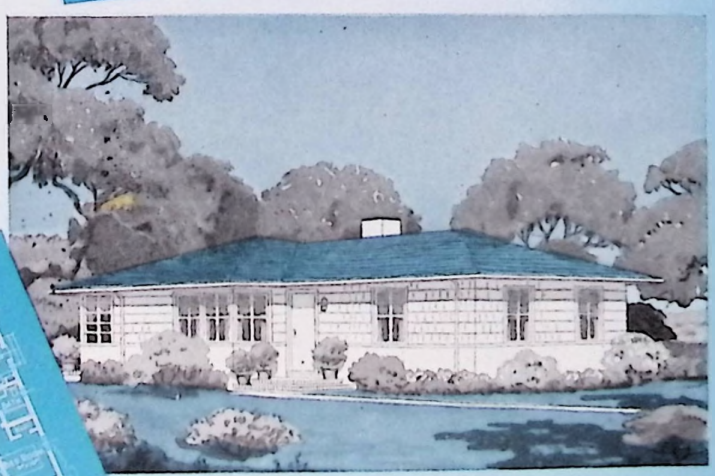


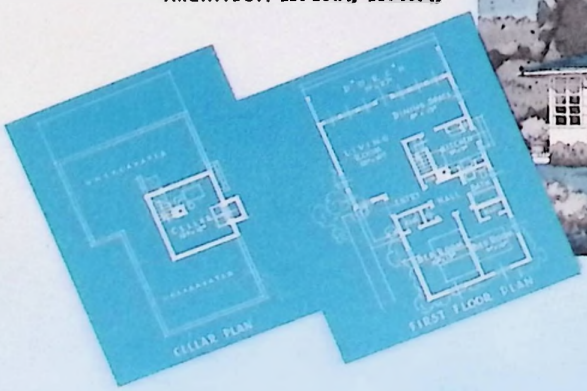
the Avon

4 ROOMS AND BATH

The living space in this southern type home extends across the full width of the house, with a wall of glass looking out upon the spacious "garden porch."

ARCHITECT: ***H. Roy Kelley***





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Important points of good construction . . .

Whether you plan to build, or buy a ready-built house, you will want to be familiar with the names and functions of the various structural parts of the house. This "skeleton" house highlights some of the more important points where good construction is essential. It indicates the details of the foundation and framework to be checked in order to safeguard your investment. Most of the parts in the basic structure are hidden and therefore should be given careful consideration by the owner, architect and builder. In many respects they may represent the difference between a sound, substantial, maintenance-free structure or one which might eventually prove a constant source of annoyance and expense because of some simple oversight.



In addition to placing the double headers on edge over openings, trussing is necessary above large openings (7 feet or more) particularly in bearing partitions and outside walls. This will reduce the possibility of plaster cracking, windows binding and floors settling.

Rafters, nailed securely to the ridge, plate and attic floor joists support the roof. They are usually 2" x 8" or 2" x 10", spaced 16 inches apart, but like joists, their size and spacing are determined by the load they must carry.

Headers run across the tops and bottoms of windows and across the tops of doors. Under windows, headers should be double and laid flat, while across the tops of windows and doors they must be laid on edge to assure rigid support.

Foundation walls support most of the weight of the house, and should rest on broad, flat footings having sharp corners. They should also be waterproofed with cement-plaster and damp-proof coating. Drain tile connected to a sewer or dry well will provide good drainage. A bed of well-tamped cinders should be laid as a base for the concrete floor, which may be reinforced with steel wire mesh, if necessary.

Studs are the upright members which form the walls and partitions. They should be doubled at the sides of doors and windows and tripled at all corners in the exterior walls. Joists are the timbers which support the floors. They should be doubled under partitions and around openings.

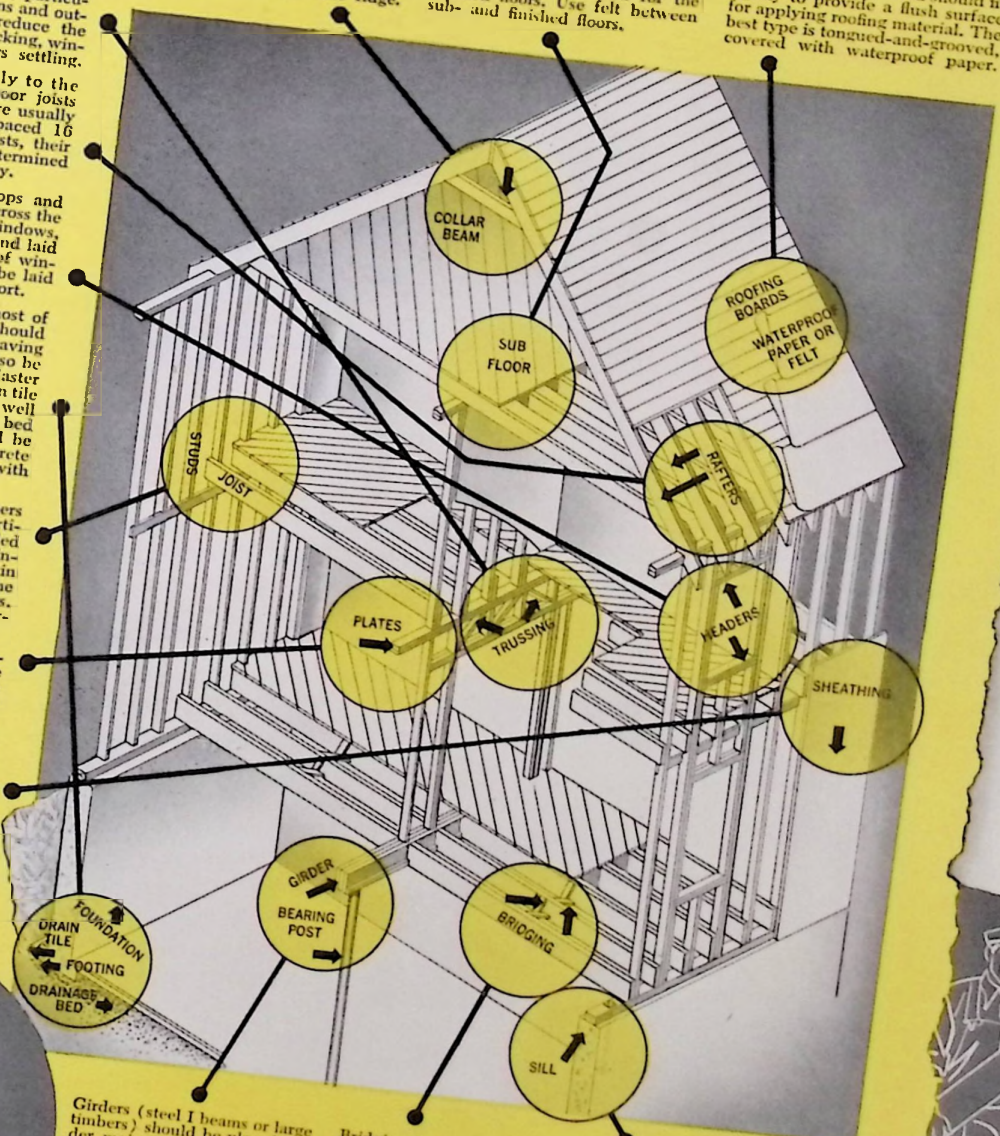
Sills and plates join the studs together to form partitions and are placed at floors and ceilings. Top or ceiling plates should be doubled and lapped at the corners.

Sheathing is nailed directly to the studs on the exterior to form an unbroken surface for applying the outside finish. There are two types of sheathing used in good construction—Insulating Board and shiplap or tongued-and-grooved wood sheathing. Where wood sheathing is used, building paper should be applied for protection against wind and weather.

Collar beams for bracing should be placed above the middle of the attic height and run across from rafter to rafter. When spaced on every second rafter they give added stiffness under the ridge.

The sub-floor should be laid diagonally, and adequately nailed to provide strength and rigidity and offer a solid foundation for the finished floors. Use felt between sub- and finished floors.

Roofing boards are nailed at right angles to the rafters and should fit tightly to provide a flush surface for applying roofing material. The best type is tongued-and-grooved, covered with waterproof paper.





Girders (steel I beams or large timbers) should be placed under main divisions or bearing partitions to support both the weight of partitions and part of the weight of the entire house. Bearing posts support the girders and should be set on footings. Metal or masonry columns are recommended.

Bridging between joists is extremely important. A straight row of cross-bridging should be installed between joists in the center of spans 16' or less. For greater spans, two rows are necessary, equally spaced in the span. A series of X's are double-nailed to the sides of joists to form bridging.

This part of the framing is known as the sill and serves to fasten the super-structure of the house to the foundation. The sill should be bolted down as indicated and bedded in mortar with end joints only at corners or over solid masonry. Here is an important place for termite protection.

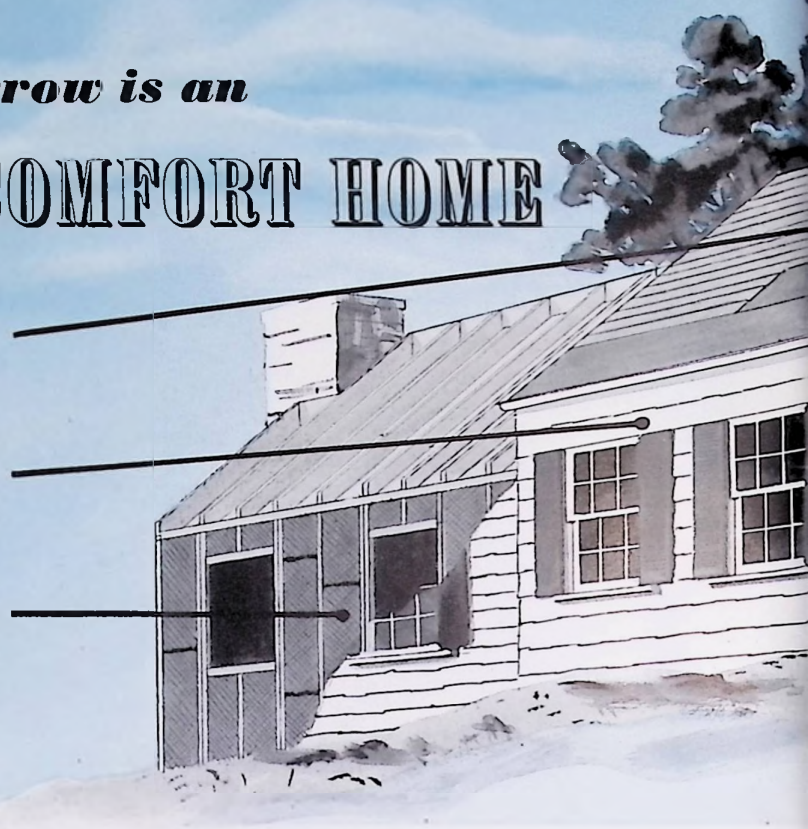


Because of its general acceptance, Balloon Frame construction is shown here. Equally acceptable are Platform Frame or Modern Brace Frame construction.

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the home of tomorrow is an

ALL WEATHER COMFORT HOME



It has a colorful fireproof roof of asbestos shingles that will last 40 years, plus!

The sidewalls are also asbestos. They have the permanence of stone and will never need preservative treatment.

The frame is strengthened with Weathertite sheathing which keeps out wind and moisture. Comfort and economy is assured by using rock wool home insulation.

By using Johns-Manville building materials when you build your new home you can have a "home of tomorrow" . . . an All Weather Comfort Home that is economical to run, economical to maintain, safer and more comfortable the year round. It is the exterior construction which plays the leading role in providing safety, economy and comfort throughout the years, and Johns-Manville has taken the lead in developing building materials which offer greater values to the homeowner than those heretofore available for this important part of the house.

the complete exterior can have the permanence of stone

In asbestos shingles, for example, the homeowner finds a material for the outer "shell," the sidewalls and roof area, that has the permanence of stone. That means no periodic upkeep expense. It means the greatest possible protection from the hazard of fires, and it means there is nothing to rot or decay with an eventual expensive bill for replacement! As for appearance, J-M asbestos shingles leave nothing to be desired. The roof shingles (see page 46) have a distinctive beauty unmatched by other types of roofing materials. Asbestos siding shingles also have a charm and character that is unusually pleasing to the eye. (See page 38.) Both roofing and siding shingles come in attractive color blends to meet individual tastes.

To strengthen the frame of the house, and to provide maximum protection against penetration of wind, dust, and moisture, Johns-Manville has developed Weathertite Sheathing. This new product will help you build a better house and will save you money on construction. It is described on the next page.

you can have comfort that pays for itself!

Finally, in rock wool home insulation, Johns-Manville has brought to the home a degree of comfortable living in *any weather* undreamed of a few short years ago. Long-Fibre Super-Felt Batts of rock wool (see page 18) snugly fitting between the studs of the side walls, and between roof rafters or attic floor joists, provide a barrier to the escape of heat in the winter (or penetration of heat in the summer) equivalent to eleven feet of solid stone! That means your house can be uniformly heated—comfortable, more even temperatures upstairs and down, with no cold spots. And the wonderful thing about this material is that it quickly pays for itself in fuel savings.

All four of these Johns-Manville materials are economical in cost. They offer you important savings in building, operating, and upkeep costs—they provide new beauty and effective protection against fire and weather. No wonder we say they make it possible for anyone to have "the home of tomorrow" . . . today!

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how Weathertite Sheathing builds a stronger, tighter house and saves you money in construction costs

Made of tough southern pine fibres bonded together with special bituminous compounds, Weathertite sheathing is a large tough board which protects the house where protection is most important. This J-M Insulating Board product is nailed directly to the studding and adds "bracing strength" to the building frame. It has no knot holes, no cracks. It presents an unbroken surface for the application of finished sidings, whether they be brick, wood, stucco, or asbestos. Because of its high insulating qualities, Weathertite helps prevent the passage of heat and cold through the walls. It saves fuel for the homeowner in winter and it makes the house more comfortable in summer. J-M Weathertite also helps save on time and labor. The big sheets are easily handled by one man and cover large areas quickly. Also, because there is a minimum of cutting, and because it comes in full measure, builders report less than 5% waste material with Weathertite as against the 20-25% waste they normally would allow for wood sheathing.

for better plastering use insulating lath

This is another product of J-M Insulating Board that will help you build a better house. Insulating Lath assures an unusually strong "bond" with the plaster. It adds insulation to your walls and ceilings and it saves on future decorating expense because there will never be any unsightly lath marks.



The big sheets are light in weight, easy to handle.



J-M Insulating Lath gives an excellent plaster base.



For new homes, a double thickness of structural insulation may be obtained by using J-M Weathertite Sheathing and J-M Insulating Lath.



The V-Tite Joint, a feature of J-M Weathertite Sheathing (horizontal type) gives added protection against moisture.



J-M Weathertite Sheathing covers large areas quickly.

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your Johns-Manville

BUILDING MATERIAL DEALER

can help you with your building or remodeling plans

Whether you are planning a small repair or remodeling job, or a brand new house, we recommend that you seek the advice and counsel of your local building material dealer. He can be of tremendous help to you.

In the first place, his is an established business with a substantial investment in plant, equipment, and inventory. He is there to stay, and everything that happens in the local building industry is important to him . . . more so than to anyone else. For these reasons alone, you can see that you can depend with confidence upon any recommendations that he might make. Remember, his reputation is at stake.

Your dealer knows building materials because that is his business. When you see him, let him tell you about the new materials that are available today and the greater values they contribute to the home. But remember, he not only knows materials, he also may be able to make many valuable suggestions to you on how to reduce construction costs by using exactly the right materials in the right places.

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More than 10,000 Johns-Manville Building Material Dealers can offer you the kind of service described on these pages!

Over 90 years of research and manufacturing experience is your assurance of the quality of Johns-Manville Building Materials!

help in arranging financing

Your building material dealer can help you in many other ways. He knows all about F.H.A. terms of financing new houses or remodeling work. He can guide you in making the right kind of a loan. In many cases, his personal contact with lending institutions in your community will be of immense value to you in helping to arrange the details.

Another thing . . . your dealer is familiar with local building requirements. He knows which materials can or cannot be used under certain conditions. When a building permit is necessary, he can tell you how to go about it and can even outline the details for you.

Finally, he knows the architects, builders, carpenters, and various contractors in your community. He can help you make the right selection of artisans and craftsmen for your particular work, and by cooperating with them from the start can often expedite the work. And by so doing, you will find that he can often save you a good deal of time and money.

you can depend on him for quality products

The dealer who sells Johns-Manville building materials and who displays the sign illustrated on the preceding page, has been selected because of his integrity and his long reputation as a good merchant and as a leader in the building industry in your community. The fact that he sells Johns-Manville products is the best assurance you can have that he is a careful buyer and that whatever materials you get from him will be of good quality.

And, for the same reason you will find that you can depend upon the workmen he may recommend to you. He knows that a quality job requires a combination of quality products and quality workmanship.

Yes, for more reasons than one, your Johns-Manville Building Material Dealer is a good man to know!



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