



The old living room was too small and the walls and ceiling were in disrepair. The Thuresons moved onto the original homestead and lived in it for almost a year before the remodeling job.



With the wide variety of hardboard panels available at building supply dealers, two or more hardboard panel products can be used in combination to achieve a dramatic and distinctive room setting. Here wood grained finished paneling is combined with a richly textured accent panel to provide complete wall glamour for a handsomely masculine den.

Plumbing Contractors Offers The Knowhow, Equipment

When the plumbing contractor's truck pulls into your drive, it brings with it a valuable combination of experience and equipment. In addition to thousands of dollars worth of tools and supplies for making installations and repairs in your home, it brings a highly skilled workman with many years of training.

The Plumbing-Heating-Cooling Information Bureau says that the training and experience required of this craftsman are far more extensive than many people realize. In other words, "a pair of overalls and a wrench do not a plumber make." To be legally qualified to work on your plumbing, a man must complete a comprehensive five-year apprenticeship program.

Behind this, many serve an additional five year program as "journeymen" to become licensed. To these skilled, professional workers, this represents a total investment of ten years in classroom and on-the-job training.

The plumbing contractor is one who has completed this 10-

year training, been licensed, and now operates his own business. He maintains an office, shop, inventory often averaging 10,000 items, trucks, trained staff, and often a showroom to display the latest fixture models.

From his place of business, he schedules his materials and craftsmen for use on new construction sites, remodeling jobs and repair work. He provides this, plus a standby crew to answer your call for emergency help.

And the plumbing contractor is much more than just a "pipe-fixer." He's a bacteriologist, metallurgist, ceramics specialist, home planner and decorator, mechanical and sanitary engineer, and businessman. All in all, he's the most highly skilled member of the building trades.

Just as it's wise to be familiar with a good doctor and keep his phone number handy, it's a good idea to know a good plumbing contractor and know where to reach him. Your local plumbing contractor's association will give you the names of those near you.

Plumbing Thingamajigs

The plumbing contractor got an urgent call. From the other end of the line came the plea, "Come over quick, the thing under my sink is leaking like crazy."

The contractor rushed to the scene of "disaster" and entered the house carrying tools and parts to repair a kitchen sink. But he was immediately led to the bathroom to find water streaming from a supply valve beneath the lavatory.

Like many folks, the homeowner thought "a sink was a sink," and consequently the contractor arrived with the wrong equipment and parts. But a "sink" isn't always a sink, says the Plumbing-Heating-Cooling Information Bureau, who offers these definitions for homeowners: SINK—A fixture usually installed in a kitchen to provide water for food preparation and washing of dishes. Not to be confused with lavatory.

LAVATORY—A fixture usually located in bathroom or powder room for washing hands and face.

WATER CLOSET—Toilet.

FITTING—Device used in connection with fixture, such as faucet, drain control and valve.

FIXTURE—Any water-using product, such as sink, lavatory, water closet and tub.

SUMP—A tank or pit to collect water seepage from a basement floor—equipped with pump to eject water collected.

TRAP—The "extra bend" in drainage pipe beneath fixtures that retains enough water to prevent backup of sewer gas.

VENT SYSTEM—Piping to provide air circulation for the drainage system. Allows release of gas and protects traps against siphonage and back pressure.

Trusses Fast

If you want to save time and money when building your house then buy ready-made trusses. Most retail stores make these in several different spans. It helps you get a house roofed quickly to protect the other materials.

Scramble

Best tribute to wood is the way people scramble to buy wood paneling and ornaments taken from centuries-old homes to use in their new and modern dwellings.

Too Exposed

If your home entrance is too exposed to the street, why not install a simple wood screen to soften the approach? You sometimes need only an eight foot section seven feet tall to provide some privacy.

Shade Screen

A simple shade screen of two-inch slats spaced one inch apart and set on a lightweight frame of 2x4s and 4x4s makes an ideal garden rest area for summer time. Any lumber like Douglas fir will do the job.

Paint Accessories

Your paint dealer can often provide specially treated paper paint buckets and wood paddles for stirring the paint, says the National Paint Varnish and Lacquer Association. Thinner, for thinning paint and cleaning brushes, should be the type recommended on the paint container label. Additional items, such as a drop cloth for protection of flowers and shrubs or floors, a dust brush, putty knife, scraper, wire brush, steel wool, medium grit sandpaper, and putty and caulking compounds may also be required.

Someone has finally come up with a solution to those ugly black heel marks that invariably appear on floors between regular cleanings. It's a handy disposable Floor Mark Remover pad impregnated with tiny beads containing a liquid cleaner and polish. You simply press down on the pad to crush the beads, rub the saturated pad over the soiled floor surface, then use the other end of the pad to buff the spot back to its original shine.

More than 20 species of U.S. woods are used for structural plywood.

Plywood is made in two types: Interior and Exterior. Only Exterior should be used out doors.

More than 11 billion square feet of plywood will be used this year.

The average new home contains about 2700 square feet of plywood.

About half of the plywood produced annually is sanded, the rest is rough.

American Plywood Association is the new name for Douglas Fir Plywood Association.

Enough plywood was produced last year to roof New York City and still have enough left over for a stack 185 miles high.



The interior of the new family room the Chlarovanos built is spacious and it appears even more so because of the vaulted ceiling. The ceiling was built with a flooring material—2.4.1 plywood 1 1/2-inch thick—over supporting joists four feet apart.

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Relief Needed On New Homes

Sometimes smooth lined contemporary homes need a bit of decorative relief to change their character and provide contrast to straight lines.

One imaginative architect has achieved some of this departure from plain surfaces by adding a device below three joining windows on a wall which is just above a garage entrance.

What the architect came up with is very simple. It is simply framed and looks like a picture frame with a blank picture. This would be very easy to build and would cost virtually nothing because there would be enough leftover wood pieces after the home is completed to build a small frame decorative piece. There would actually be enough for several such exciting bits.

TOP THIS

Usually it's not necessary to remove old roofing before re-roofing with heavy weight asphalt shingles. Putting the new roof right over the old one means savings in time and cost and eliminates the risk of bad-weather damage while the job is in progress.

Long Life

To insure long life of yard structures, be sure that any wood coming in contact with the ground is preservative treated. This is especially true in patios where treated Douglas fir will outlast any other wood.

Big Gamut

Western softwoods range from the rugged Douglas fir, the nation's prime structural lumber, to the dainty, delicately grained Ponderosa and sugar pines which have innumerable uses in construction finishing.

Privacy

By using a louvered fence of and of the western softwoods, you can have privacy, yet can get good air circulation.

Southern Pine plywood was made commercially for the first time this year.

Each of the thousands of perforations in an acoustical ceiling acts as a tiny noise trap, absorbing sound waves and preventing them from bouncing around the room. This keeps the sound level in a room from building up to an uncomfortable level.

Natural effects in interior finishing materials are expected to be extremely popular in 1964. In addition to rustic drapery and upholstery fabrics, textured surfaces are available in the latest effects in resilient flooring and acoustical ceiling tiles.

Box beams are hollow structural members with lumber flanges and plywood webs.

Vapor Barrier Stops Blisters

Paint blisters and peeling paint are not the fault of the wood siding. Generally, they are caused by poor design of the walls.

For best results, points out the West Coast Lumbermen's Association, a properly installed vapor barrier will protect exterior walls and paint from moisture originating with the home.

Such barriers should be carefully applied to provide a complete envelope, preventing moisture from entering enclosed wall spaces where condensation might occur.

The principle of vapor protection, the lumbermen point out, is to make the warm side of the wall as vapor-tight as possible, and the cold side permeable enough to permit passage of moisture vapor to the outside.

Where, then, do you place the vapor barrier of sheet metals, metal foils or asphalt laminated papers? You place it just inside the interior wall along the inside stud line.

A cross section of the ideal wall of a home would look like this, reading from the inside out: First your interior wall, then the vapor barrier, next the studs and between the studs insulating material, then wood sheathing, next a sheathing paper and finally your wood siding. The entire stud space from floor to ceiling should be covered in this manner.

The siding of course, can be in any pattern or style to suit the home owners' tastes, and it may be in any of the long lasting and durable woods such as western red cedar or Douglas fir, by far the two most widely used in tobe country.

If this system of design and use of vapor barriers is closely followed, the lumberman believe that paint blistering will be eliminated.

Cover Chips

If your masonry patio is becoming chipped and broken, you can cover it with a wooden deck. Just nail ordinary Douglas fir 2x4s to the masonry, then nail your deck boards to the furring pieces. Generally 2x4s are ideal for this deck, and they can be arranged in many interesting patterns like herringbone, checkerboard, diagonal, or in diamond shape.

HOME OWNERS' QUESTION BOX

Q. We just bought a house which has yellow mineral fiber siding. Personally, I do not like yellow and would like to re-paint it a different color. Are there problems in painting mineral fiber?

A. No problem: Mineral fiber is extremely stable in comparison to other siding materials, and is easily painted. Use a brand-name masonry paint: this can be either a solvent-thinned paint, a latex-base paint or an oil-base masonry paint. Paint when the siding is dry for best results. The paint job should last many years.

Q. How do you remove a greenish film from copper pipes?

A. Oxidation causes this unsightly green deposit. Try washing the pipes with ammonia.

Q. How do you remove efflorescence from brick?

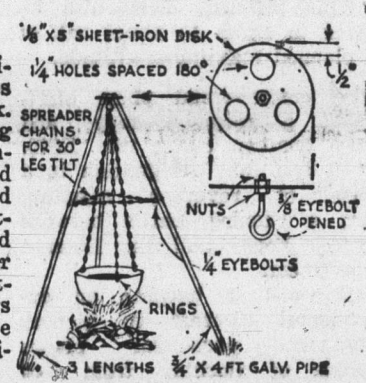
A. The blotchy, white patches are caused by alkaline salts coming to the surface of the walls. Use a wire brush and wash surface with a solution of one part muriatic acid to ten parts of water. Use fresh water to rinse solution from brick after two minutes. Take care to protect eyes, skin and clothing from this strong solution. Use rubber gloves as an extra precaution.

Useful Workshop Ideas

By Will Ainsworth, Technical Consultant

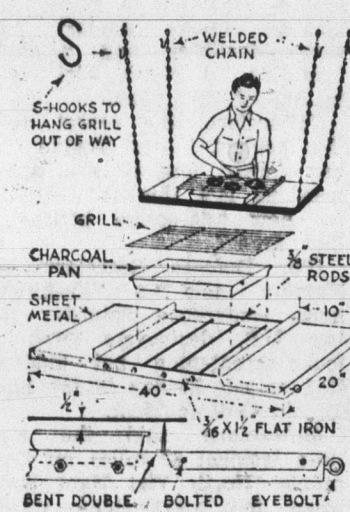
Campfire Tripod

When collapsed, this pipe tripod for campfire cooking takes very little space in a car trunk. It is set up quickly by inserting the legs into holes in the retaining disk. Three lengths of welded chain hanging from the disk hold the soup pot where the chain attaches to rings or eyebolts spaced equidistantly. Three other lengths of the same chain are attached with eyebolts to the legs 15 to 18 in. below the disk. These limit leg spread and provide rigidity.



Hanging Charcoal Grill

Suspended with welded chain from overhead supports, this charcoal grill for porch or patio is always at hand. It is tucked up out of the way with S-hooks when not in use. It consists of a rectangular flat-iron frame of which the ends are overlapped and riveted together. Eyebolts near the corners engage the chain. Steel rods with threaded ends are installed crosswise at the center to hold a charcoal pan about 12 by 18 in. in size. "Counter space" is provided at each end by galvanized sheet metal bolted to the frame. The sheet metal is bent upward and is doubled here to support the grill which may be an old refrigerator or oven shelf.



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Open Fences

Where flow of breezes is needed to keep a yard cool, then think in terms of a fence with open slats in it. Still enough of a barrier to stop dogs and animals. Western red cedar is the ideal fence wood and it is low cost.

Good Grain

The beauty of a beautiful piece of lumber comes from its incomparable grain which develops from the annual rings. When the log is sawn, the annual rings create a pattern of lovely beauty.

Everybody

One thing which makes western softwoods so popular with every weekend carpenter is the ease with which they can be sawed, planed, chiseled, sanded and finished into beautiful objects.

Amazing West

America's amazing western states produce some of the finest softwood lumber in the world, in a dozen different species, each having its own special place in the construction industry.



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