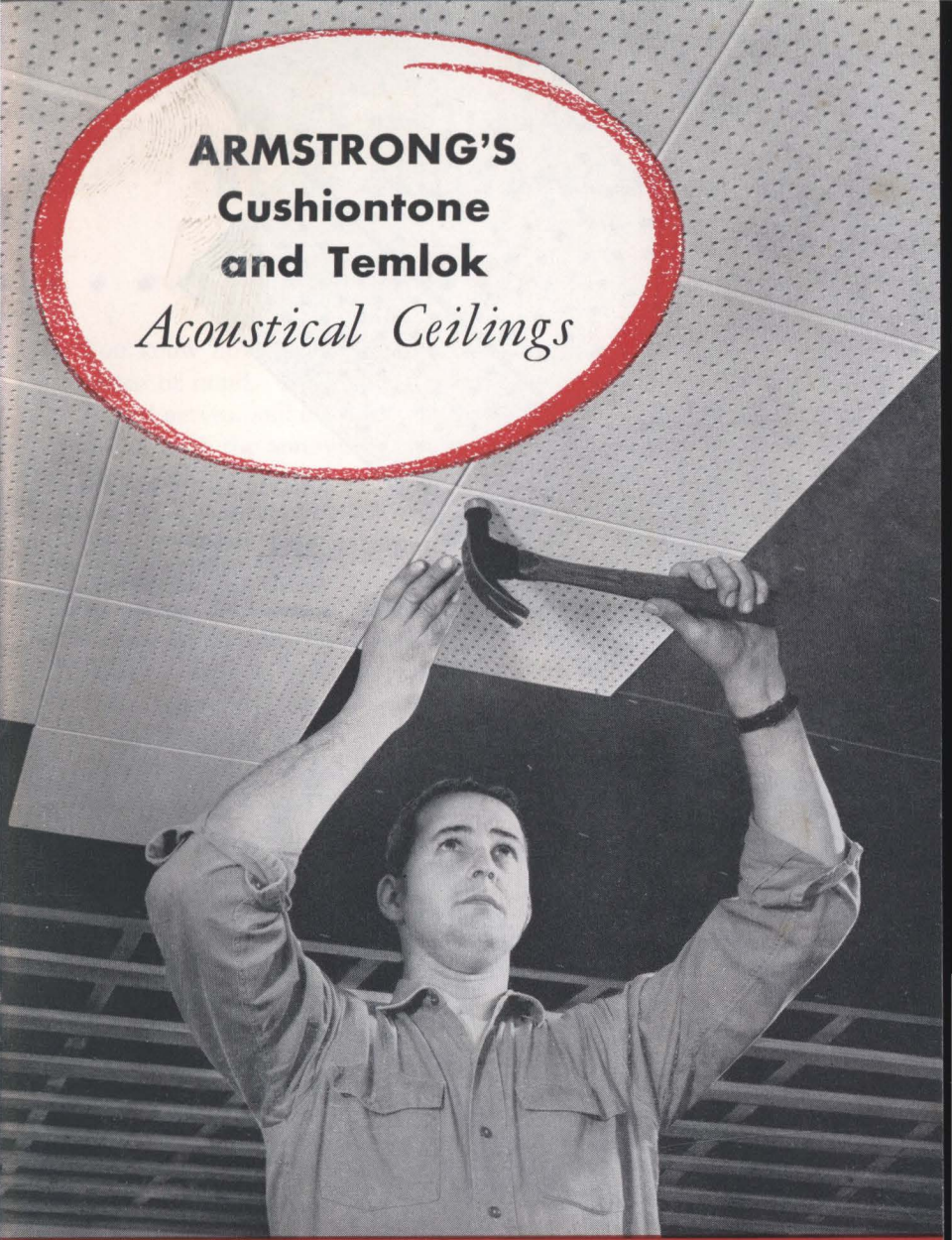
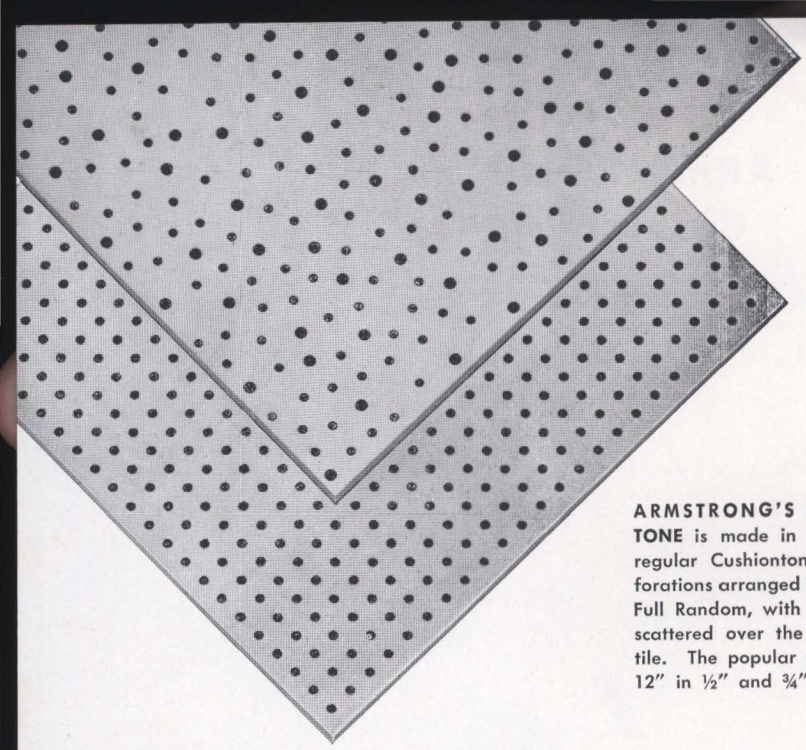
ARMSTRONG'S Cushiontone and Temlok *Acoustical Ceilings*

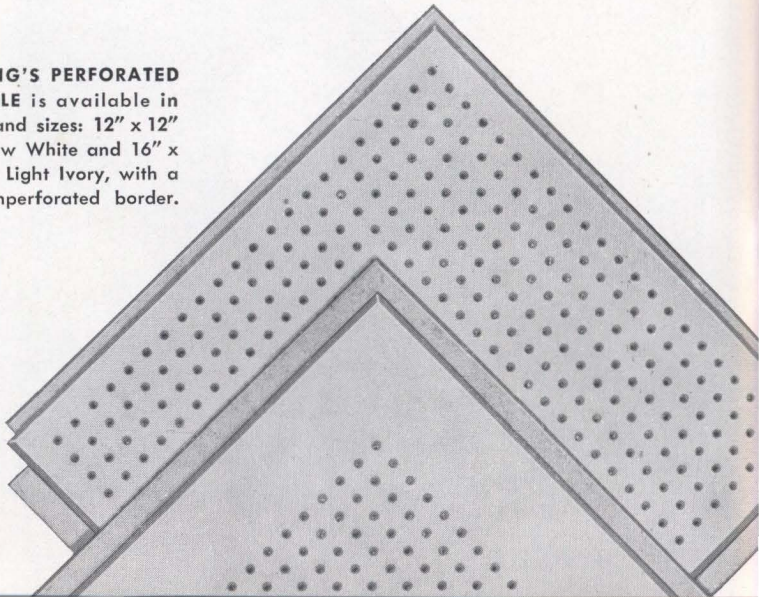


Two of the Building Materials made by the makers of Armstrong's Linoleum



ARMSTRONG'S CUSHIONTONE is made in two styles—regular Cushiontone with perforations arranged in rows—and Full Random, with perforations scattered over the face of the tile. The popular size is 12" x 12" in ½" and ¾" thicknesses.

ARMSTRONG'S PERFORATED TEMLOK TILE is available in two colors and sizes: 12" x 12" x ½" in Snow White and 16" x 16" x ½" in Light Ivory, with a 2" wide unperforated border.

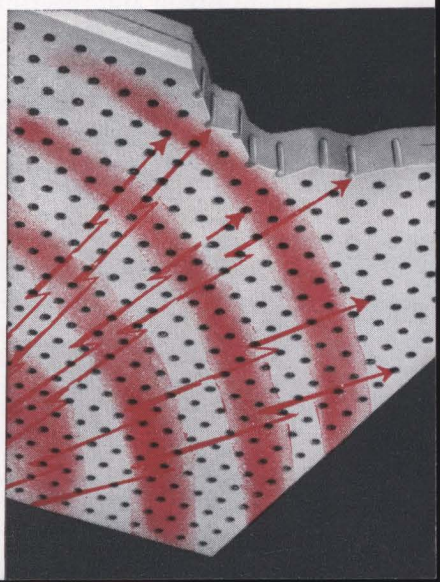


WHY LET NOISE BE A NUISANCE?

You know how noise at home can disturb your comfort and peace of mind. In business places, too, it leads to mistakes, frayed nerves, and even lost tempers. But today no one has to put up with the annoying nuisance of noise when it's so easy to do something about it.

Two Armstrong acoustical materials—Cushiontone and Perforated Temlok Tile—have put quieter living and working conditions within the reach of almost any pocketbook. These materials are designed to absorb noise instead of allowing it to bounce around the room, reflecting off hard, smooth surfaces. Both these noise-quieters may be applied to ceilings in either old or new construction and are fast and easy to install.

Armstrong's Cushiontone is widely used in offices, shops, conference rooms, and other areas where highest sound absorption and smart appearance are desired. Perforated Temlok Tile is popular for supermarkets, restaurants, shopping centers, and other places where noise must be hushed at low cost. In homes, both materials are rapidly gaining popularity for sound conditioning kitchens, playrooms, children's rooms, and living and dining rooms, too. They really cut down annoying noise.



For high sound absorption— ARMSTRONG'S CUSHIONTONE

This wood fiber acoustical tile takes the "bounce" out of noise. Ceilings of Cushiontone soak up sound instead of reflecting it, as hard surfaces do. This stops disturbing noises from building up into an annoying din.

Cleanly drilled holes absorb as much as 75% of the noise that strikes the tile, give Cushiontone its high acoustical efficiency. In regular Cushiontone, the rows of perforations start close to the edge. Combined with narrow bevels, this produces a modern, "allover" ceiling effect. Holes in the Full Random pattern are scattered over the tile, resulting in a more casual design.

Armstrong's Cushiontone has two coats of attractive white paint ironed right into the surface and bevel. This finish reflects a high amount of the light that strikes it—helps make rooms bright and cheerful.

Cushiontone's smooth surface is easy and economical to maintain, for dirt and dust will not readily cling to it. Any grime that might collect can be quickly washed off.

Because of its composition, Cushiontone is good insulation. It keeps rooms at even temperatures—helps reduce fuel bills.

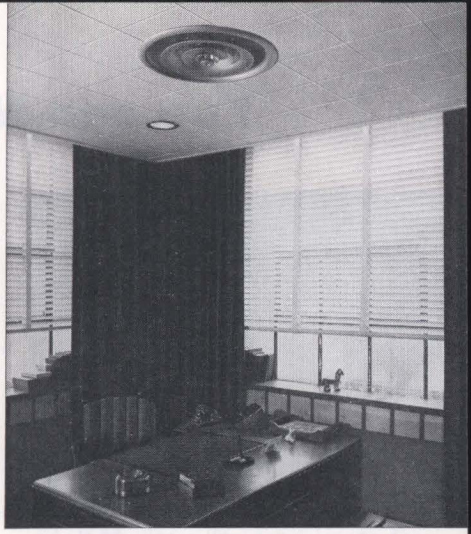


Repainting Cushiontone is as easy as painting any flat surface. It can be done by brush or spray without lowering acoustical efficiency of the tile.

In shops and stores, sound-absorbing Cushiontone ceilings help maintain a quiet atmosphere that makes shopping easy and more pleasant.



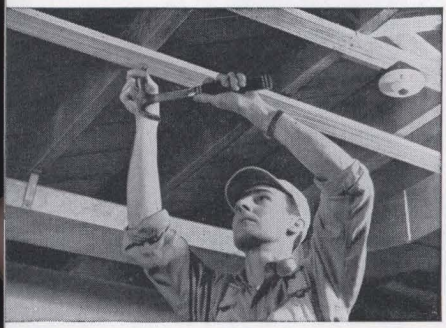
In both new and old homes, good-looking ceilings of Armstrong's Cushiontone cut down tiring, nerve-jangling noises.



In business offices, distinctive beauty and quieting of noise are Cushiontone's contributions to better working conditions.



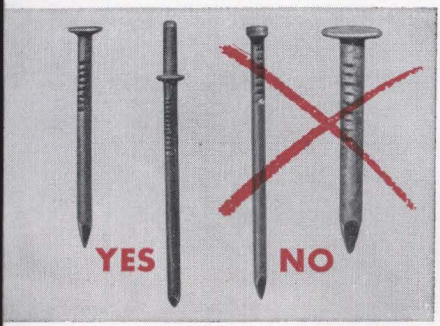
You can NAIL Cushiontone



1 **Prepare the ceiling.** 1" x 3" wood furring strips should be put up if the ceiling is uneven or in poor condition. In new construction, furring is usually nailed on 12" centers over joists or studs.



2 **Level the furring strips.** For an even Cushiontone ceiling, the furring strips should be leveled by shimming. To prevent "breathing," apply building paper over strips before installing Cushiontone.



3 **Use flathead or collar nails** to install Cushiontone. Nailheads should be $\frac{1}{8}$" to $\frac{5}{32}$" in diameter; nails at least $\frac{1}{2}$" longer than thickness of Cushiontone. No. 3 screws can also be used.

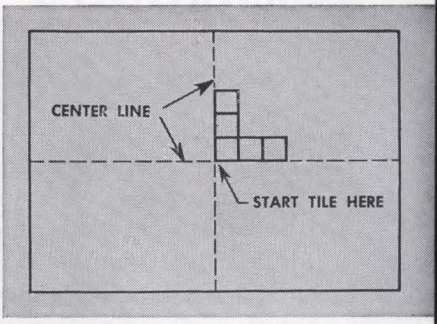


4 **Shallow-drilled holes** in Cushiontone's four corners and at the center of each side receive the nails or screws. If flathead nails are used, they should be set below the face of the tile.

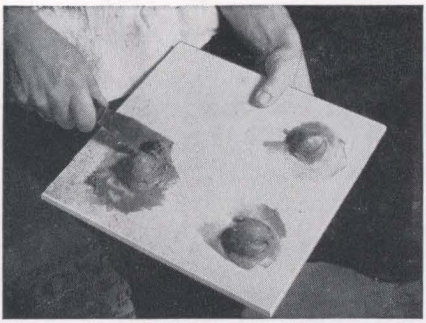
or CEMENT it in place



1 Check ceiling condition. Cover unsound plaster with gypsum board or lath. Over a painted ceiling, cement test tiles. If paint under cement has not softened in 48 hours, install Armstrong's Cushiontone.



2 Mark center line down length of room, and another at right angles to it across room. Start tile either centered on line, or beside it, whichever works out with largest pieces of tile at side wall.



3 Apply Armstrong's Acoustic Cement to the back of the tiles at each corner with a putty knife. Cement spots should be about the size of a walnut and should be kept back about 1" from edges.



4 Position the tile. When installing each Cushiontone tile, slide it back and forth one inch under light pressure to spread the cement and to assure a firm bond between tile and surface.

For low installation cost—
ARMSTRONG'S *Perforated* TEMLOK TILE

This low-cost fiberboard ceiling tile is an effective sound conditioner for homes, offices, and commercial interiors. It reduces the noise level in a room by trapping sound waves in holes drilled into the face of the tile.

Installation of Perforated Temlok Tile is quick and simple because of Armstrong's exclusive "Lok-Bevel" joint. The accurately dimensioned tile fit neatly together.

Tile can be installed either by cementing to clean, sound surfaces, or by nailing to wood furring strips. Strips are spaced 12″ on centers for 12″ tile, 8″ or 12″ for 16″ tile.

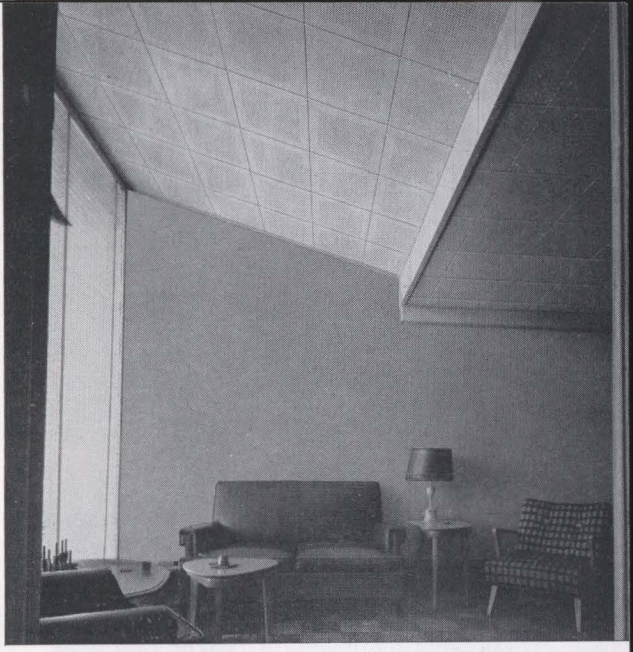
Perforated Temlok Tile is factory-finished with two coats of paint—providing an attractive ceiling without decorating expense. The paint finish is ironed right into the tiles for a smooth surface that reflects light without unpleasant glare.

A ceiling of Armstrong's Perforated Temlok Tile is easy to keep clean. Dirt and dust will not readily cling to its surface. Perforated Temlok can also be repainted without lowering its acoustical efficiency. This material is available in Snow White in the 12″ x 12″ size, and Light Ivory in the 16″ x 16″ size.



In your basement playroom, a ceiling of Perforated Temlok Tile will muffle party noises and provide a quiet atmosphere for family fun.

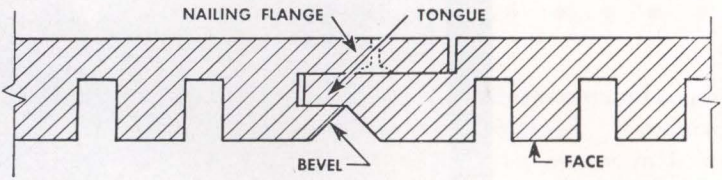
In office and reception areas, light is reflected and noise quieted by ceilings of Armstrong's Perforated Temlok Tile.



In large stores and supermarkets, Armstrong's Perforated Temlok Tile ceilings can be installed quickly and at very low cost.



"LOK-BEVEL" JOINT SPEEDS TEMLOK INSTALLATION

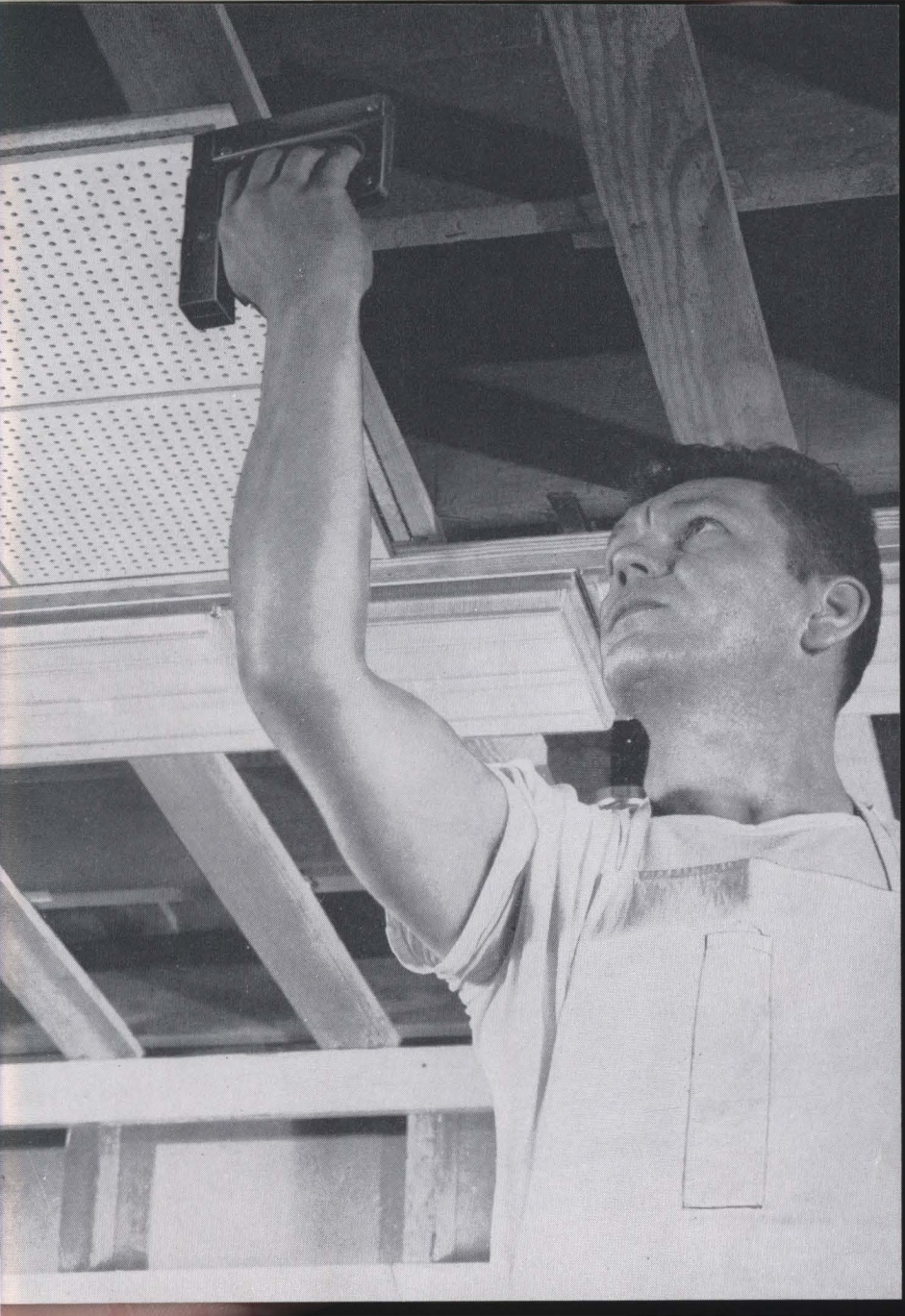


Armstrong's "Lok-Bevel" Joint has an extra-wide nailing flange that makes application quick and simple. This joint eliminates the need for mechanical clips or fasteners, conceals staples and nailheads, and allows for seasonal expansion or contraction, preventing unsightly gaps at joint lines.

Before stapling or nailing, 1″ x 3″ wood furring strips should be nailed to the existing ceiling. Space the strips on 12″ centers for 12″ tiles and on 8″ or 16″ centers for 16″ tiles. These strips should be leveled by shimming if necessary. The wide flange of Temlok's "Lok-Bevel" joint receives the staples or nails. Use staples with ½″ legs or 1¼″ 3d box nails. Four staples or nails should be used for each 12″ x 12″ or 16″ x 16″ tile.

Cement application. Plaster ceilings should be in reasonably good condition when Perforated Temlok Tile is cemented in place. New plaster should be thoroughly dry. Apply Armstrong's Acoustic Cement to the back of the tiles in spots about 2″ in diameter. To position the tile, slide it back and forth about one inch under light pressure to spread cement and assure a firm bond with the ceiling surface.

Stapling Perforated Temlok Tile to wood furring strips is a fast, clean job. The installation is started in one corner. Your lumber dealer can supply you with a stapling gun.



ARMSTRONG'S BUILDING MATERIALS

Ask your lumber dealer for samples and prices

In addition to Armstrong's Cushiontone® and Perforated Temlok Tile, your lumber dealer can supply you with these other fine quality building materials made by Armstrong.

Armstrong's Temlok® Sheathing and Lath — asphalt-impregnated sheathing that adds strength and insulation to your home; fiberboard lath that provides an efficient plaster base.

Armstrong's Temlok Interior Finish—decorative factory-painted fiberboard in three forms: tile, plank, and large boards for attractive, low-cost walls and ceilings.

Armstrong's M-67® Monowall®—decorative panels of tempered hardboard in colorful plain, tile-designs, and streamline-designs. Quick installation, easy cleaning, needs no refinishing.

Armstrong's Insulating Wool — made of efficient Fiberglas*—fine, matted glass fibers that won't settle, burn, or decay.

Armstrong's Hardboards — tough panels of compressed wood fibers for wainscoting, cabinets, closets. Finish with paint, varnish, stain, or wax.

Armstrong's Counter-top Cement—a tough, hard-gripping adhesive for bonding decorative laminates to sink, table, and counter tops and for hundreds of other purposes.

* ® Owens-Corning Fiberglas Corp.

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