

INSTALLATION INSTRUCTIONS 1/4" – ARCHITECTURAL SYSTEMS TWO, THREE AND FOUR

<u>HIGH-HUMIDITY AREAS:</u> Many Surface System Panels are subject to the effects of moisture. DO NOT USE IN KITCHEN, REST ROOMS, OR OTHER HIGH-HUMIDITY AREAS.

<u>TOOLS REQUIRED</u>: Regular carpentry tools, such as a level, block plane, sanding block, drill, table saw or circular saw with fine-toothed carbide blade, chalk line, hack saw, tape measure, file, miter box, and square.

<u>CAUTION</u>: Be sure to use the proper safety guards required when cutting panels. Also wear safety glasses or face shields and hand protection.

<u>NOTE</u> - Metal veneer products may produce sparks when cutting. Take proper precautions for dust removal.

<u>WALL PREPARATION:</u> Structural walls should be finished with building completely closed. Walls must be thoroughly dry before panels are applied. Panels must be applied over a smooth, solid, flat backing such as plaster, drywall, or plywood. A vapor barrier should be used between backer and studs to discourage warping. Protect existing surfaces with drop cloths.

<u>PREPARATION/HANDLING TIPS:</u> Open cartons and carefully inspect all panels. Due to texture and manufacturing techniques, some panels may vary in color, consistency, and pattern. Panels must be stored in a dry environment. Store panels flat and off of concrete floors.

<u>CONDITIONING</u>: Panels should be allowed to equalize to the room environment prior to installation. This is accomplished by standing them around the room in which they are to be installed for at least 48 hours before application. Room temperature should be approximately 70° F.

<u>FABRICATION:</u> Always cut panels "face up" with a fine-toothed carbide-tipped table saw or "face down" with a portable power saw using a fine-toothed carbide-tipped blade to assure a clean-cut edge.

The use of a block plane, sanding block, or file will assist in minimal trimming and provide a clean edge. ALWAYS REFINISH AND SEAL TRIMMED EDGES.

Always use Surface System application hardware and perimeter trim designed for the job. They are easily cut with a hack saw or power miter box. Be sure to refinish all cut edges.

<u>ADHESIVE REQUIRED</u>: Marlite Brand C702 Heavy Duty adhesive is the adhesive recommended. This adhesive is a solvent based material and local code restrictions may require substitution. Any adhesive substitutions must have the manufacturer's approval. Clean tools with naphtha or mineral spirits. Read cautions on adhesive package before use.

<u>CLEANUP</u>: Surface System Panels are easily cleaned with a soft cloth using spray-on furniture cleaner/polish for coated surfaces and spray-on stainless steel cleaner/polish for all metal products. DO NOT SPRAY ANY LIQUIDS ON PANEL FACE OR SATURATE CLOTH WITH LIQUIDS.

Adhesive can be cleaned from the face of most Surface System panels with mineral spirits. ALWAYS TEST THINNERS ON A PIECE OF SCRAP MATERIAL.

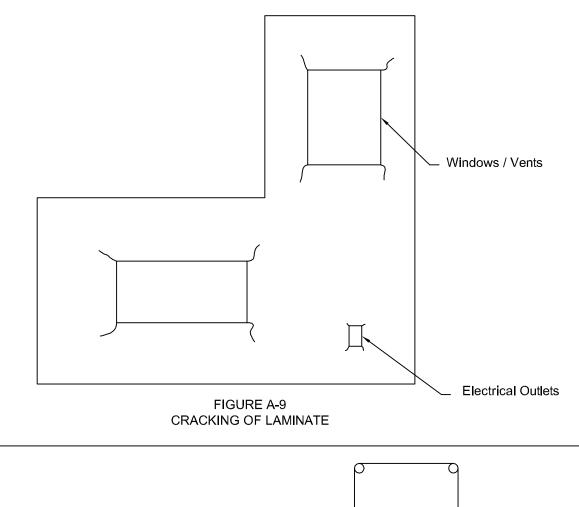
Statements expressed in this technical bulletin are the recommendations for the application of Marlite brand products as outlined and illustrated under normal conditions of installation. The recommendations provided in the bulletin represent our best judgment based on our experience with normal applications. Unless prior approval is obtained in writing from Marlite, any deviation from these recommended procedures shall be at the sole risk of the installers. Carefully inspect all panels. If a panel is defective, notify the Marlite Service Center nearest you at once. Failure to do so shall be at the sole risk of the installer.

IMPORTANT! Please read before beginning installation.

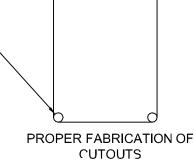
GENERAL NOTE NEMA LD-3 SECTION A.7

TYPICAL PROBLEMS- CAUSES AND PREVENTION

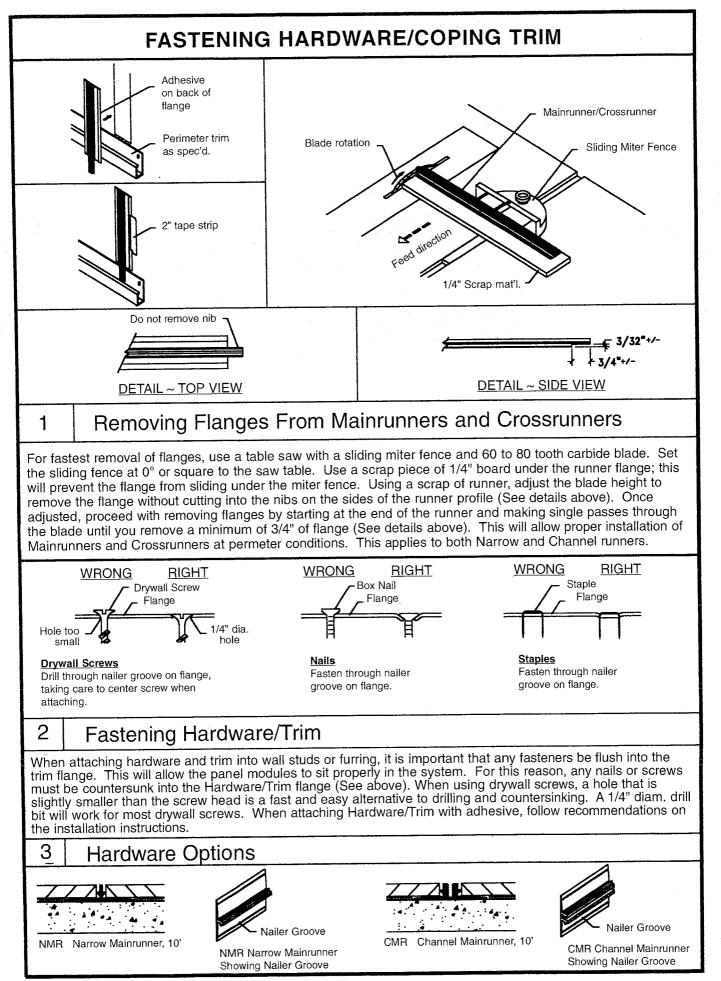
A. Stress cracking - Cracking of the laminate at corners and around cutouts (see Figure A-9) may be caused by improper fabrication during installation. Rough edges, inside corners that have not been radiused, and forced fits can cause cracking. Radiusing all edges and inside corners as large as possible 3 mm (1/8 in.) minimum will minimize stress cracking. A radiused corner created by a 6 mm (1/4 in.) diameter router bit is normally used.



NOTE! To help prevent stress cracking of the laminate, pre-drill all four corners using a 1/4 " bit. Do not square the corners.

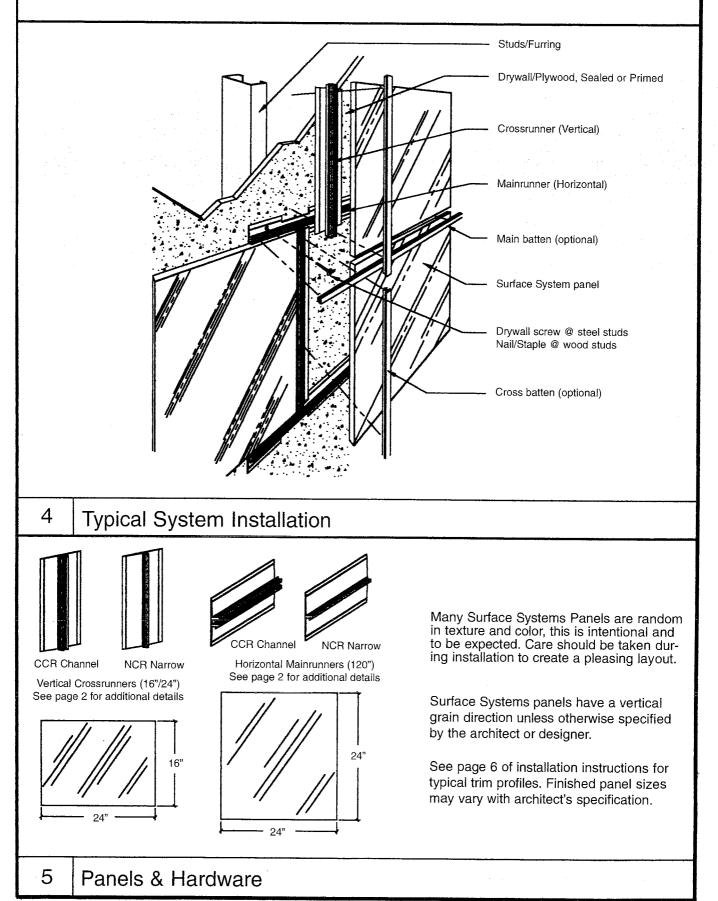


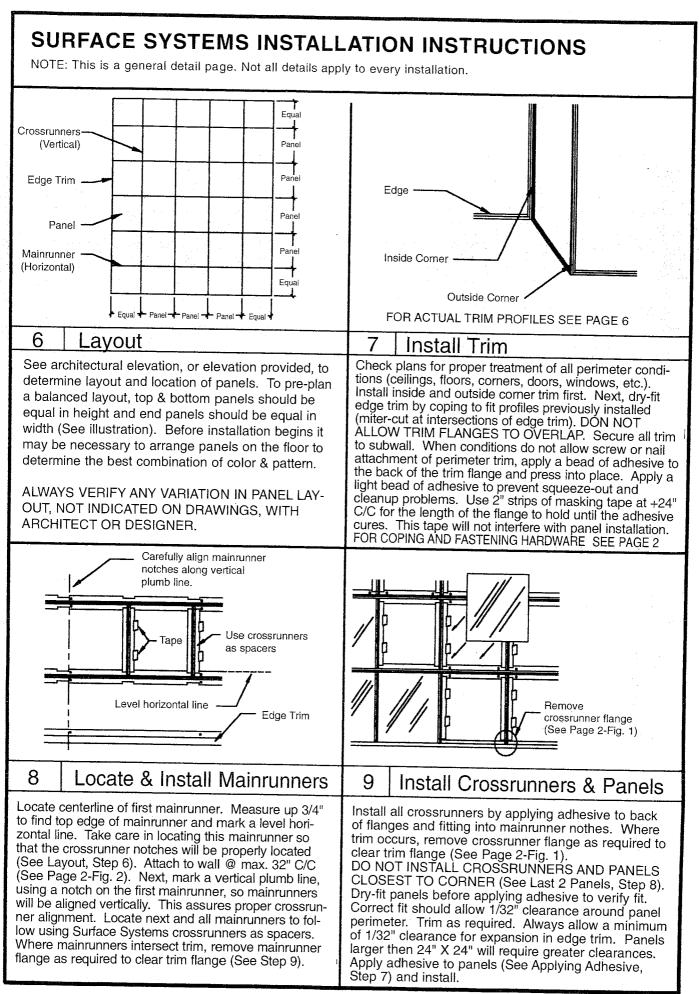




SURFACE SYSTEMS INSTALLATION INSTRUCTIONS

NOTE: This is a general detail page. Not all details apply to every installation.





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