

BONDED METAL®

INSTALLATION INSTRUCTIONS

GENERAL

Buyer shall be responsible for performing examinations and measurements necessary for the intended use of the product. Buyer shall provide all labor required for unpacking, placing and installing each product in the desired location. F+S will not be liable for damages caused by buyer's failure to fulfill these responsibilities. Because of the unique characteristics of Bonded Metal castings/panels, these installation instructions shall be carefully observed.

UNPACKING AND HANDLING

Handle carefully to avoid cracking or crazing the sculpted surface. Pick castings up at the long edges and carry in a vertical position. If it is necessary to move castings in a horizontal position, support them on plywood. Never lift or carry units with the face side down. Wear gloves to protect hands from glass fibers.

STORAGE

Store units in a flat, horizontal position, face side up, well supported under the entire surface. Stacks shall be slip sheeted with cardboard and topped with a sheet of plywood to keep castings flat.

PREPARATION

The surface to be covered shall be free of dirt, dust, grease, loose scaling paint, casein paint and glue, or other contaminants.

FLATTENING CASTINGS

There is normally a slight warp in Bonded Metal castings. They are manufactured with a degree of flexibility so they will easily flatten to the mounting surface during installation. If the castings have a pronounced curvature or warp, or if installation is being made under cold conditions, flattening can be facilitated by heating the finished surface with infrared lamps or any type of radiant heater, taking care to warm the surface as evenly as possible. If practical, the castings can be placed on a flat, clean surface, in sunlight for 10-15 minutes (finished side up).

MONOLITHIC APPEARANCE

Some Bonded Metal designs are more suitable in creating a reasonably monolithic installation. Consult F+S for design constraints. If design does not permit butt joints, a 1/8 inch (3 mm) reveal should be included in layout calculations.

CUTTING, DRILLING AND ROUTING

Required cutting, drilling or routing shall be performed with carbide-tipped saws, routers and high speed drills in accordance with accepted industry practices. The units shall be adequately secured, and saws, routers or drills advanced slowly through the material to avoid chipping. Protect the finished surface of the units during machining by taping the sole-plate of the saws and routers. To avoid marring finished surface, cut or drill from the finished side.

APPLICATION USING CONSTRUCTION ADHESIVE - GENERAL

Adhesive shall be high quality construction adhesive. Apply in strict accordance with adhesive manufacturer's written instructions. Unless required otherwise by adhesive manufacturer, apply as described below to each F+S product.

CONSTRUCTION ADHESIVE APPLICATION - BONDED METAL CASTINGS, BACKED CASTINGS AND PRE CURVED CASTINGS

Apply adhesive using a notched trowel and following adhesive manufacturer's written instructions. Additional mechanical attachment can be used and should be ring-shank nails.

CONTACT ADHESIVE APPLICATION - SLIM CASTINGS

Apply a high quality contact adhesive in strict accordance with adhesive manufacturer's written instructions.

LIMITATIONS

Contact adhesive installations are recommended for interior applications only.

WALL CLIP APPLICATION - PANELS

Bonded Metal panels can be supplied with wall clips for mechanical attachment. The wall clips are supplied by F+S in two mating sections, consisting of continuous lengths for application to the wall, and short sections field applied to the panel back, using screws included.

CLEAN-UP

The finished surface of Bonded Metal castings and panels has been sealed with a high quality interior/exterior grade clear acrylic lacquer. Clean off any excess adhesive at edges or joints immediately according to the adhesive manufacturer's instructions, taking care not to let the finished surface of the Bonded Metal come into contact with the cleaning agent. Fingerprints, smudges and more persistent dirt can be removed by using an ammonia-free cleaner/degreaser such as Simple Green.