INSTALLATION INSTRUCTIONS, ROUTINE CARE & MAINTENANCE

GENERAL

Buyer shall be responsible for performing examinations and measurements necessary for the intended use of the product. Buyer shall provide all labour required for unpacking, placing and installing each product in the desired location. S3 Surfaces will not be liable for damages caused by Buyer's failure to fulfil these responsibilities. Because of the unique characteristics of Bonded Surfaces/Panels, these installation instructions shall be carefully observed.

UNPACKING AND HANDLING

Handle carefully to avoid cracking or crazing the bonded 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 fibres.

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, paint and glue, or other contaminants.

FLATTENING CASTINGS

There is normally a slight warp in bonded surfaces. 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 Surfaces designs are more suitable in creating a reasonably monolithic installation. Consult S3 Surfaces 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 damaging the 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 the adhesive manufacturer, apply as described below to each S3 Surfaces India product.

CONSTRUCTION ADHESIVE APPLICATION

Apply adhesive using a notched trowel and following the adhesive manufacturer's written instructions.

LIMITATIONS

Contact adhesive installations are recommended for interior applications only.

CLEAN-UP

The finished surface of Bonded Surfaces and panels has been sealed with a high-quality interior/exterior grade clear 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 Surfaces come into contact with the cleaning agent. Fingerprints, smudges and more persistent dirt can be removed by using an ammonia-free cleaner.

ROUTINE MAINTENANCE

Bonded Surfaces require very little maintenance. Routine dust should be removed by periodic vacuuming or with a soft brush. Do not use harsh abrasives, acids or chlorine-based cleaners or cleaning tools containing carbon steel, such as steel wool or wire brushes.