EKOFILL APPLICATION

STEWART SYSTEMS EkoFill (E620) when applied properly and with the minimum of 1½ to 2 mil thickness, fills and seals the weave of the Ceconite, provides excellent ultra violet light protection and gives an excellent base for finish coat colors.

Before application of STEWART SYSTEMS EkoFill (E620) to covered surfaces, they should be vacuumed to remove any dust and then wiped with a cloth dampened with STEWART SYSTEMS EkoClean (E670) Heavy Duty Cleaner, and rinsed with clean water per STEWART SYSTEMS label directions.

Thoroughly mix STEWART SYSTEMS EkoFill (E620). EkoFill has a very high solids content which may settle out in storage. Do not shake or “whip” EkoFill as it will foam or bubble. After mixing, strain EkoFill using a standard paint filter.

The first and second coat of STEWART SYSTEMS EkoFill (E620) must be applied using a 3” or 4” foam brush. Apply each coat very lightly. If wet and shiny, coat is too heavy. A single side test panel will show proper application with no drips or runs on the back side.

Using back and forth strokes, brush the first coat of STEWART SYSTEMS EkoFill (E620) into the fabric weave. Do small areas at a time. Use single direction strokes, 90° to back and forth strokes to “tip” out small bubbles formed while brushing. Repeat steps until entire surface is covered.

The second coat is applied the same as the first coat, except apply 90° to first coat. Two 90° coats are considered ONE cross coat. After first cross coat brushed application, apply one sprayed cross coat. Spray gun setting will be the same for all sprayed coats of EkoFill. It is not necessary, or desirable to thin STEWART SYSTEMS EkoFill (E620) before spraying. HVLP spray equipment is recommended. Us a 1.5 mm fluid tip for best results. HVLP spray gun set-up; adjust fan control to full fan, set air pressure regulator on the spray gun to 20 to 25 psi with trigger pulled, open paint control knob ¾ turn to begin. On test panel (white butcher paper works well) the spray pattern should be very light, with no wet look.

When EkoFill is thoroughly dry, iron any loose tape edges with a Close Quarter Iron set at 250°F, then lightly dry sand with 320 grit open coat sandpaper. Under the right conditions STEWART SYSTEMS EkoFill could be ready to sand in 1 to 2 hours. Because temperature and humidity can greatly affect drying time, use the following test to determine when you are ready to sand. Choose a small area and sand lightly with 320 grit open coat sandpaper. You should create ‘sanding dust’. If the material ‘rolls up’ under the sand paper, it is not ready to sand.

After sanding, an additional 2 cross coats minimum of STEWART SYSTEMS EkoFill are applied with a spray gun. When the spray gun is properly adjusted, apply 2 cross coats

(4 coats 90° to each other). Apply each coat when preceding coat is dry to touch and has no damp looking areas. Overlap your spray patterns at surface tape edges where more fill is desired.

NOTE: A charcoal respirator must be worn during spray applications.

STEWART SYSTEMS EkoFill should again be dry sanded with 320-400 grit open coat sandpaper. At this point the top coat may be applied as sufficient UV protection has been achieved. However, this procedure may be repeated as many times as necessary to achieve the base coat and fill that you desire. The final EkoFill coat is sanded with 320-400 grit open coat sandpaper.

After STEWART SYSTEMS EkoFill has been applied and sanded the topcoat should be applied within 10 days. If left more than 10 days before top-coating, STEWART SYSTEMS EkoFill must be scuffed with a Scotch Brite pad.

STEWART SYSTEMS EkoFill contains proven ultraviolet blocking agents so silver coatings are not needed. Be sure to use STEWART SYSTEMS EkoFill to fill the weave instead of using color coats to fill the weave.

NOTE: DO NOT WET SAND EKOFILL. DRY SAND ONLY!

EKOFILL CLEAN UP

Clean equipment promptly with water. If EkoFill has dried in the equipment, use lacquer thinner for removal.