

# CS 390

## System A/B-HV coating for architectural precast forms

### DESCRIPTION:

CS 390, a two component solvent-free epoxy coating, is designed to provide a smooth and durable surface for precast concrete forms. CS 390 is available in white and gray versions.

### PRIMARY USES:

- Architectural precast forms
- Structural precast forms

### ADVANTAGES:

- Good chemical resistance
- Good abrasion resistance
- Easily maintained surface
- Solvent free
- No Volatile Organic Compounds

### PHYSICAL PROPERTIES:

<b>Abrasion Resistance</b> (ASTM D 4060)	.080 g
<b>Gel Time</b>	40 - 45 min
<b>Dry Time</b>	12 hours at 73 °F (23 °C)
<b>Hardness, Shore D</b> (ASTM D 2240)	80
<b>Tensile Strength</b> (ASTM D 638)	3780 psi (26 MPa)
<b>Elongation</b> 11% (ASTM D 638)	

### APPLICATION:

CS 390 can be applied using a 1/4 inch (6 mm) nap paint roller, paint brush, or an air-less sprayer.

#### Surface Preparation

- Surface and air temperature must be at least 50 °F (10 °C) during installation and initial cure.
- The surface should be dry, clean and free from all contaminants detrimental to proper adhesion.
- Detailing work such as sanding, filling in joints and sunken nailheads should be completed prior to application.



### LIMITATIONS:

Heat resistance limits

- 140 °F (60 °C) for continuous exposure.
- 160 °F (70 °C) for intermittent exposure.
- Do not apply on damp or wet surfaces
- Store in a cool, dry area [50 °F to 90 °F (10 °C to 32 °C)] away from direct sunlight, and flames.

### SAFETY:

For industrial and professional use only.

For detailed safety guidelines, please refer to the product Material Safety Data Sheet (MSDS).

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