SPRAY-DECK RESIN

Acrylic Emulsion Cement Modifier

**Description**

SPRAY DECK RESIN admixture is a specially-formulated acrylic that modifies cementitious materials, including overlayments and masonry. SPRAY DECK RESIN may be used with a variety of cementitious grouts and is specifically engineered for use with SPRAY-DECK SYSTEM.

**Features/Benefits**

- Low odor.
- Improves bond strength.
- Reduces cracking through increased mortar flexural strength.
- Increases mortar wear resistance under rubber wheeled traffic.
- Increases mortar tensile strength.
- Increases durability when exposed to freeze/thaw cycles.

**Technical Information**

- Composition: Acrylic polymer
- Non-volatile solids content: 29 to 31%
- VOC content: <5 g/L
- Viscosity #2 Zahn cup: 14 to 16 seconds
- pH: 9 to 9.4
- Specific gravity: 1.04 to 1.06

**Packaging**

SPRAY-DECK RESIN is packaged in 1 gal (3.8 L) and 5 gal (18.9 L) units.

**Shelf Life**

2 Years in original, unopened container.

**Coverage**

When diluted 1:1 with water, 4 to 6 qt (3.8 to 5.4 L) of the mixture should be added to each 50 lb (22.7 kg) unit of SPRAY-DECK GROUT as a mixing liquid.

One mixed unit of SPRAY-DECK GROUT should cover 150 ft² (13.9 m²) for a skim coat and 75 ft² (6.96 m²) for a texture coat.
APPLICATION PROCESS FOR SPRAY DECK SYSTEM

Surface Preparation: Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Remove any loose material and any coatings such as paint, curing agents, and sealers. Increte’s Uni-Strip is perfect for removing old coatings. Degrease surface with Increte Systems GREASE-AWAY degreaser using 4-8 fl. Oz. of degreaser to one gallon of water then rinse. Mechanically abrade the surface to achieve a surface profile equal to CSP 2-3 in accordance with ICRI Guideline 310.2. Properly clean profiled area.

Mixing: Prepare the mixing liquid by diluting SPRAY-DECK RESIN 1:1 with cold water. Add 4 to 6 qt (3.8 to 5.4 L) of the mixing liquid to a clean 5 gal (18.9 L) plastic pail. Slowly mix resin/water mixture with a paddle mixer on a 1/2 in (1.2 cm) drill and slowly add one 50 lb (22.7 kg) pail of SPRAY-DECK GROUT until completely mixed.

Application: The grout can then be trowelled, squeegeed, or sprayed on the surface at a thickness not to exceed 1/4 in (6.35 mm).

Seal: After at least 24 hours drying time, the surface must be scraped, broomed, and blown with a high velocity blower and then sealed with CLEAR SEAL or CONCRETE STAIN SEALER.

MAINTENANCE

Clean surface with soap or detergent on a regular basis and rinse repeatedly with fresh water.

Mixing equipment should be cleaned with clean water immediately after use.

Precautions/Limitations

- Do not use SPRAY-DECK RESIN at temperatures below 40 °F (4 °C).
- Protect from freezing.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.