



## Guide to Decorative Sealers

*Decorative sealers come in both solvent and water-based formulations. They can be used on both interior and exterior surfaces to form a thin, protective film that provides good protection against water and chloride intrusion while permitting moisture in the slab to escape. Sealers are also UV resistant and non-yellowing. Available in a range of sheen levels, they also can be used to enhance the beauty of colored, stamped or exposed-aggregate concrete.*

### What are the expectations of the Sealer

- Water repellency
- Chemical resistance to which chemicals
- Glossy surface
- Enhancing “Wet Look” (Solvent-based)

A sealer is not a curing compound, nor a curing & sealing compound, and cannot be expected to compensate for concrete that is inadequately cured.

### Considerations in Selecting a Sealer

- Is the application interior or exterior?
- What are the main benefits the owner is looking to receive?
- Does the sealer contribute to making the surface lose traction?
- How soon after concrete placement can the sealer be applied?

### Surface Preparation

- Surfaces should be dry and clean; free of oil, grease, dirt, paint, curing compounds and anything that may inhibit bond.

### Compatibility

- Not all acrylic sealers are compatible with acrylic cure & seals. Contact DSC Technical Services for additional information.
- Water-based products and solvent-based products are not compatible.
- For recoating- stay with the original manufacture for best results

### Preparation Before Application

- Verify all traces of curing membranes and / or other contaminants are removed from the surface.
- Be sure all materials have been preconditioned per manufacturers recommendation.
- Always mix the sealer prior to use.

### Application

- Apply the sealer in accord with the manufacture’s recommendations
- Several thin applications better than one heavy application
- Apply uniformly for best performance & esthetic value

#### **Notes:**

- Dayton Superior solvent-based sealers should not be used in interior applications.
- Decorative Sealers can highlight substrate imperfections.
- Always recommend a mock-up using the same applicator that will do the job; Texture, color, uniformity, transparency is all subjective.



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### Dayton Superior Sealers

#### Water-Based Decorative Sealers

##### Ultra Seal EF

- High solids
- Compatible with Dayton Superior water-based cure and seals
- VOC content of <100 g/L
- Low odor
- High gloss & Excellent UV stability
- Highly breathable, resists blushing
- **MAS** “Certified Green”
- LEED- CDPH V1.2 Compliant

#### Solvent-Based Decorative Sealers

##### AggreGloss J25

- High gloss finish & Excellent UV stability
- Protects against rain & attack by airborne contaminants
- Compatible with Dayton Superior solvent-based cure and seals
- Breathable film
- Protects against rain
- Resists mildew and surface staining
- Inhibits efflorescence
- Available in a Satin Finish

##### Tuf Seal J35

- High gloss finish & Excellent UV stability
- Provides concrete with darker, “Wet Look”
- Resists gasoline, grease, and many oils
- More abrasion resistant formulation
- Protects against rain
- Reduces maintenance and clean-up time
- Available in a Satin Finish

#### Exempt Solvent-Based Sealers

##### AggreGloss J25LVOC

- Low VOC, exempt solvent based
- High gloss finish & Excellent UV stability
- Provides concrete with darker, “Wet Look”
- Protects against rain
- Breathable film
- Resists mildew and surface staining
- Inhibits efflorescence
- Exterior use only
- Available in Satin Finish

##### Tuf Seal J35LVOC

- Low VOC, exempt solvent based
- High gloss finish & Excellent UV stability
- Provides concrete with darker, “Wet Look”
- Excellent abrasion and impact resistance
- Protects against rain
- Inhibits attack by airborne contaminants
- Breathable film
- Resists mildew and surface staining
- Inhibits efflorescence
- Exterior use only
- Available in Satin Finish

#### Solvent-Based Decorative Sealers

##### Grip Aid

- Anti-Slip translucent powder for cure & seals and sealers
- Reduces the slipperiness of sealed concrete surface
- Will not affect topcoat color