

GUIDE TO POLYMER FLOOR COATINGS

CONSIDERATIONS IN SELECTING A SEALER

- Polymer coatings are vapor barriers. Is the concrete floor/slab designed for such.
- Is the application interior or exterior
- What are the main benefits the owner is looking to receive

SURFACE PREPARATION

- Surfaces should be clean, free of oil, grease, dirt, paint, curing compounds and the like
- Mechanical surface preparation is recommended (such as: high pressure water, shot blasting, sand blasting)
- Even on new concrete, mechanical surface preparation is recommended as it ensures there is no laitance on the surface; removal of just 0.04 in. of the surface increases the surface tensile strength by $\pm 2\frac{1}{2}$ times.

PREPARATION BEFORE APPLICATION

- Always perform a vapor transmission (VT) test after the surface preparation is completed and just prior to the material application. Vapor transmission can cause surface defects & weaken the bond of the sealer to the substrate
- Verify all traces of curing membranes and / or other contaminants are removed from the surface.
- Be sure all materials have been preconditioned per the manufacturers recommendation.
- Always first pre-mix each component then mix the entire unit together.

APPLICATION

- Apply the sealer in accord with the manufactures recommendations
- Apply uniformly for best performance & esthetic value
- Always recommend a mock-up using the same applicator that will do the job; texture, color, uniformity, are all subjective.

DAYTON SUPERIOR POLYMER COATINGS:

Spec Cote WB - medium Solids water-based epoxy

1. USDA approved
2. 5-year Dustproofing Warranty available*
3. Available in colors

Spec Cote 100/100 Clear - 100% solids hi-build epoxy

1. 5-year Dustproofing warranty available*
2. Excellent durability, wearability
3. Available in colors

Spec Cote Urethane - 2-part polyurethane

1. USDA Approved
2. 5-year Dustproofing Warranty available*
3. Available in colors

Spec Cote 100 CR - 2 part highly chemical resistant NOVOLAC epoxy

1. High-build capabilities
2. High abrasion resistance
3. Excellent chemical resistance

Refer to www.daytonsuperior.com for latest Technical Data Sheet and MSDS
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