

Elevated Decks

- Make sure wood surfaces are below 13% moisture and cementitious surfaces are below 15%.
- Clean off all adhesion affecting contaminants and loose/peeling paints prior to product application.
- Fill in all gaps, cracks, holes, seams, joints etc. larger than 1/16" with a paintable, elastomeric, urethane caulk.
 - Wood Decks: Make sure to completely fill the gaps between planks of wood and the seams of tongue and groove decks with either a paintable, elastomeric, urethane caulk, fiber glass mesh, or polyester tape.
 - Pay special attention to filling gaps that may occur where the railing meets the floor.
 - Make sure the screws are all tight. Apply a paintable elastomeric caulk over the tight screws to fill in the gap. This will provide a smooth sound surface for the coatings to adhere to.
- Woods containing tannin acids (ex. Redwood, Pine, or Cedar) require a stain blocking primer to protect against the tannin bleeding prior to product application.
- Replace all damaged or rotted wood.
- Make sure the underside of the deck and the vertical lip areas are completely sealed or painted (the paint must bead water). This is required because if moisture soaks in underneath the coatings, hydrostatic pressure will be created. This will lead to imminent product delamination during the evaporation process.
- Parapet /free standing deck walls: Wrap the chosen system (no sand required) for the base 4" of the wall (make sure the flashing is filled if it is cracked).
 - Also ensure that all the wall sides (front, back, cap, and sides if applicable) are sealed and do not absorb moisture.
- Option 1 (2&3 year warranty): **SYSTEM 330**
 - 26 dry mils (including the silica sand)
 - 740% elongation
 - **Primer:** Apply 1 coat of either:
 - **ULTRA-PRIME-** For abraded wood or 180 grit (or rougher) cementitious surfaces. It can also be applied over water based acrylic paints.
 - **MONOCHEM 21-** Stick to anything primer. It is suitable for smooth/porous, sealed and glazed/non porous surfaces. It is also

ideal for top-coating unknown or non-water based coatings, or when the maximum adhesion is desired.

- **Membrane:**
 - Apply two coats of **MONOCHEM 300** elastomeric membrane. While the 2nd coat is wet broadcast silica sand size 30 at a rate of 11-14lbs per 100 sq/ft.
- **Topcoat:** Apply 2 coats of either:
 - **DEX-COAT** to achieve a 2-year warranty. This product is very easy maintenance. Just TSP the sound coating and conduct another application anytime to freshen it up.
 - Apply 2 coats of **PERMASHIELD 200** to achieve a 3-year warranty. This product has the highest cleanability and chemical resistance easily resisting almost all forms of staining and harsh oils, battery acids, spray paints, markers etc. Whenever there is a tough stain, just use some of our **CITRUS CLEAN SUPER** and brush away the stain. Prior to cleaning the stain, consult the cleaner's technical data pages for cleaning instructions.
- Option 2 (5&10 Year Warranties Available): **SYSTEM 200**
 - 54 dry mils (including the silica sand) for a 5 year warranty.
 - 66 dry mils (including silica) for the 10 year warranted option.
 - 600% elongation
- **Primer:**
 - Apply 1 coat of **MONOCHEM 21** stick to anything primer. Ideal for smooth/porous, sealed and glazed/non porous surfaces. It is also ideal for top-coating unknown or non-water based coatings, or when the maximum adhesion is desired.
- **Membrane:**
 - Apply two coats of **MONOCHEM 310**. While the 2nd coat is wet broadcast silica sand size 20 at a rate of 11-15lbs per 100 sq/ft.
- **Topcoat:**
 - Apply 1 coat of **MONOCHEM 610** to achieve a 5-year warranty. After 5 years, TSP the sound coating and apply 1 additional coat of **MONOCHEM 610** to extend the warranty an additional 5 years.
- Consult the technical data pages prior to product application. If any questions arise contact our technical support department at (800) 491-9977 for assistance.