

W151 Barrier Ultra

Waterproofing & Crack Isolation Membrane

Single component siliconized polymer-based primer that adheres tightly to a wide variety of substrates, providing waterproofing and antifracture protection from many aggressive environments. It is resistant to stains and blisters, and exhibits excellent alkali-resistance over cementitious surfaces, as well as corrosion-resistance over metal surfaces.

USES

- To provide a water-tight monolithic liquid barrier to underwater installations such as showers, pools and jacuzzis, showers, exposed terraces, exterior walls, basements, tunnels, water storage tanks, pools and fountains.
- To protect steel-reinforced concrete from corrosion.
- To provide an anti-fracture protection membrane when installing tiles in high-rise buildings and high movement / vibration surfaces.

LIMITATIONS

- Do not apply on contaminated surfaces; remove all mildew, dirt, grease, loose particles and contaminants that prevent product from adhering properly.
- Do not apply on wet surfaces or surfaces with relative humidity levels of 70% or higher.
- Use only as an undercoat, always covering with tile or wear resistant topcoats. Use temporary cover if membrane will be exposed to weather for more than 14 days.

QUALITY STANDARDS

ANSI: Exceeds requirements per ANSI A118.10 and ASTM D-2370, D-6083, D-1653, D-1640 & C-1549.



TECHNICAL DATA

Test Method	Results
ANSI A118.10 Shear Strength	>72.5 psi @ 28 days
ASTM D 6083: Low V.O.C., volatile organic compound and non-flammable	Yes
ASTM D 2370 Tensile Strength	304 PSI
ASTM D 2370 Elongation	185%
ASTM D 1653 Water Permeability	30.8 perms
ASTM C 1549 Solar Reflectance	82%

Product Performance Properties at 73°F (23°C) and 50% relative humidity	
Solids by Weight	58 ± 2%
Solids by Volume	54 ± 2%
Appearance	Highly Viscous Liquid
Viscosity	108 - 115 KUs
VOC	< 50 g/l
Application Temperature	40°F - 95°F
Drying Time – ASTM D-1640	30 - 60 minutes (to touch) 2 - 4 hours (to recoat)

*Product performance properties at 73°F (23°C) and 50% relative humidity.

**Installation time, pot life and time before grouting will vary based on jobsite conditions.

PACKAGING

Product Code	Pack	Yield (Consumption Rate)
WE0780114	1 Gal	60 ft ² / Gal
WE0780118	3.5 Gal	210 ft ² / Pail

*Coverage depends on substrate conditions.

SURFACE PREPARATION

All substrates must be structurally sound, thoroughly clean and free of oil, wax, grease, dust, asphalt, existing patching materials or any other contaminant that might act as a bond breaker. Remove any loose material, delaminated or deteriorated concrete, paint, sealer, mold, release agents and water-soluble materials. If needed, high-pressure wash surface. Surface must be completely dry prior to product application.

MIXING

Product is ready to use, do not dilute from its full strength, use as supplied.

APPLICATION

Apply with brush, roller or airless pump. The thickness of the membrane depends on the method of application. For waterproofing applications airless spraying is recommended. A wet film thickness of 40 mils (approximately 1mm) is recommended. If two coats are applied, it is recommended that the coats be applied perpendicular to each other. Before applying the second coat, it is necessary to let the first coat dry to touch, usually 1 hour.

CURING

Product is moisture curing and will turn black from blue once initially dried (typically upon 1 hour). Product will be fully cured upon 12-24 hours. Protect area from rain, water exposure and light traffic for a minimum of 72 hours, depending on temperature and humidity. Product must be protected from UV rays.

CAUTION

Please refer to the Safety Data Sheet (SDS) for safety data. KEEP OUT OF THE REACH OF CHILDREN.

LEGAL DISCLAIMER

Before applying this product, customer must read the product information in this Technical Data Sheet to determine its suitability for the intended application. This product warranty is limited to its replacement or its refund value should it not comply with the specifications of the manufacturer and does not include any application costs. Customer must present original proof of purchase and submit claim in writing within 15 days from the alleged situation. The information in the Technical Data Sheet supersedes any other product information available from packaging and any other company or marketing documentation. Visit our website at www.wecopr.com for the most up-to-date official TDS.