

# W800+ Durokryl

## Synthetic Rubber Latex & Bonding Adhesive

Ultra premium non re-emulsifiable synthetic rubber admixture for Portland cement mortar, concrete and grout applications. Substantially improves the workability, adhesion, tensile and flexural characteristics of the mix. It is also ideal as bonding adhesive and primer to promote adhesion over existing concrete surfaces. Enhances the curing process, reduces cement cracking and permeability, helps protect from corrosion, improves chemical resistance, and adds protection from chlorine intrusion and scaling.

### USES

- As admixture, to modify thin set mortars and grouts, Portland cement mortars and concrete, increasing adhesion, flexibility and overall strength and durability of the mix.
- As non re-emulsifiable bonding adhesive for new cement mixes on existing concrete.
- As admixture to fortify concrete repair mortars, toppings, leveling mortars, overlays, concrete patches, plasters and other cement mixes.
- To provide a water-tight plaster coat on exterior walls, basements, tunnels, water storage tanks, pools and fountains.
- To protect steel-reinforced concrete from corrosion.

### 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 over previous coatings, such as silicone, elastomeric coatings, polyethylene and Teflon.

### INDUSTRY STANDARDS

Exceeds requirements per ASTM C-1059 Type II, ASTM C-932 and ANSI A118.4.



### TECHNICAL DATA

Product Performance Properties at 73°F (23°C) and 50% relative humidity	
Drying time	20 to 30 min
Weight per Gallon (Lbs/Gal)	8.5 ± 5%
Appearance	White Medium Viscosity Liquid
Solids by Weight	50 ± 2%
Solids by Volume	49 ± 2%

  

Test Method	Result
ASTM C-882 Bond Strength (1 part cement, 2 parts sand & W-800 Durokryl)	>500 psi (1.03 MPa) @ 28 days

### PACKAGING

Product Code	Pack	Yield (Bonding Adhesive)
WE0780024	1 Gal	200 ft <sup>2</sup> / Gal
WE0780025	5 Gal	1,000 ft <sup>2</sup> / 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. Moisten concrete surface prior to product application.

### MIXING

1. Do not dilute when using as bonding adhesive or primer; use concentrate, as supplied. When used as fortifier for cement and concrete mixes, follow the recommended dilution rates:
  - Mortar or concrete mix for pavements (dosage per 50 Lbs): Mix ½ Gal W800+ Durokryl™ with ¼ Gal water.
  - Mortar or concrete mix for structural columns or walls (dosage per 50 Lbs): Mix ½ Gal W800+ Durokryl™ with ½ Gal water.
  - Mortar mix for structural repair of roof ceilings affected by corrosion or steel bars (dosage per 50 Lbs): Mix ½ Gal W800+ Durokryl™ with ½ Gal water.
  - Bonding slurry mix for concrete surfaces (dosage per 50 Lbs): Mix 1 Gal W800+ Durokryl™ with 1 Gal water.
  - Anticorrosive waterproofing slurry for concrete surfaces (dosage per 50 Lbs): Mix 1½ Gal W800+ Durokryl™ with ½ Gal water.
3. To facilitate mixing, add the desired cement or dry mortar to the W800+ Durokryl™ / water admix and mix slowly, avoiding introducing air into the mix.

### APPLICATION

1. When using as bonding adhesive or primer, apply with roller or brush.
2. When used as admixture, apply the cement or concrete mix using traditional masonry methods.

### CURING & PROTECTION

Protect area from light traffic for a minimum of 24 hours and heavy traffic for a minimum of 72 hours, depending on temperature and humidity. Moisture cure to avoid cracking due to excessive surface drying.

### 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](http://www.wecopr.com) for the most up-to-date official TDS.