



Ultra-Bond Product Data Sheet

Ultra-Bond is a two component, chemically resistant, 100% solids, thermosetting polymer mastic. **Ultra-Bond** has been developed where corrosive resistance, resilience, and superior adhesion to precast **RockHardscp™** components is crucial. **Ultra-Bond** is a fast setting, aspartic urethane exhibiting superior bonding properties to precast polymer composite structures.

Ultra-Bond contains no solvents or reacting flexibilizers, insuring long-term exposure to corrosive chemicals.

Ultra-Bond displays the following outstanding features & benefits:

- ✓ Superior resistance to a wide range of chemicals & oils
- ✓ High impact resistance
- ✓ Excellent bond to precast polymer substrates
- ✓ Easy to apply
- ✓ Fast setting & fast curing
- ✓ Good UV stability
- ✓ Pre-packaged side by side tube sets.

Ultra-Bond can be used in precast **RockHardscp™** segmental tunnels, manholes, pipes, trenches, pits, floors, secondary containment areas and is suitable for moderate to heavy traffic environments.

PLEASE NOTE: All packaged components (Part A & Part B) must be stored in ambient conditions, between 55°F and 70°F, for at least 24 hours prior to use. It is ideal to keep **Ultra-Bond** materials in a dry and well-protected area until the job site is fully prepared for placement. Do not store materials in direct sunlight.

Ultra-Bond TYPICAL PHYSICAL PROPERTIES

Solids by Weight	100% (±1%)
Solids Content,	100% (±1%)
VOC	Less than 1%
Colors	Clear or Pigmented.
Recommended Film	Installed system of 1/4" – 3/8" beads
Coverage per Tube Set	600 cc @ 1/4" x 1/4": 16 LF 1500 cc @ 1/4" x 1/4": 40 LF
Packaging Information	1500 cc (side by side caulk sets) 600 cc (side by side caulk sets)
Mix ratio	Measured by static mixing tube
Abrasion Resistance	Taber abrasor CS-17 calibrase wheel w/ 1000 g total load
Shelf Life	6 months unopened
Compressive	12,000 psi@ ASTM D695
Finish	Gloss >70 at 60 degrees