

PRODUCT DESCRIPTION

Ultra-Guard® Elastomeric Coating is a single-component, 100% solids, moisture-curable waterproof membrane. This cold liquid-applied formula is solvent-free and compliant with all known environmental and OSHA requirements. It can be used in confined spaces with standard personal protection equipment. Ultra-Guard® Elastomeric Coating cures to an elastomeric rubber that is resistant to thermal shock. It will not crack in extreme cold or slump due to softening at high temperatures like conventional asphalt or coal tar-based coatings often will.

Recommended Uses:

- For use in above and below grade applications

In Above Grade Applications:

- Ultra-Guard® Elastomeric Coating can be used to seal parapets, plaza decks, green roof systems and waterproof planter boxes.

In Below Grade Applications:

- Ultra-Guard® Elastomeric Coating is ideal as a positive-side waterproofing for sealing foundations.
- Ultra-Guard® Elastomeric Coating can also be used for between slab waterproofing, equipment wells, and other underground construction.

Advantages:

- Moisture cure – compatible with green and damp concrete.
- High solids, minimal shrinkage
- No outgassing on damp surfaces
- Can be applied up to 120 mil in one coat on horizontal surfaces (60 mil on vertical surfaces)
- Wet film thickness equals dry film thickness
- Fast setting
- Non-flammable
- Low odor
- Single component
- Solvent free
- Tin free

APPLICATION INSTRUCTIONS

Horizontal Application:

- Apply Ultra-Guard® Elastomeric Coating over cleaned flange of drains, taking care not to fill weep holes.
- Drain flange of 3" minimum width recommended.
- If surface is pitted, prime with a 10-mil coat of Ultra-Guard® Elastomeric Coating to fill in the irregularities or voids that might cause pin-holing.
- Using a roller, trowel, or brush apply in a single coat up to a 120-mil thickness.

Vertical Application:

- If surface is pitted, prime with a 10-mil coat of Ultra-Guard® Elastomeric Coating to fill in the irregularities or voids that might cause pin-holing.
- Using a roller, trowel, or brush, apply in a single coat up to a 60-mil thickness.

STORAGE

- Store original, unopened containers at 70°F / 21°C with 50% relative humidity.
- Protect unopened containers from water, heat and direct sunlight.
- Elevated temperatures will reduce shelf life.

SHELF LIFE

- Pails have a six-month shelf life from date of manufacture when stored at 70°F / 21°C with 50% relative humidity.
- High temperature and high relative humidity may significantly reduce shelf life.

CLEAN-UP

- Wet sealant can be removed using a solvent such as alcohol or mineral spirits.
- Cured material can be removed by abrading or scraping the substrate.

Limitations:

- In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations.
- Do not use for above grade applications without a protective UV barrier.
- Do not store in elevated temperatures.
- Remove all coatings and sealants before application.
- Do not apply at temperatures below 40°F.
- Do not thin with solvents, water or foreign material.
- This product is specifically designed to be compatible with cementitious substrates, contact Technical Services for recommendations regarding other suitable substrates.
- This product may be applied to damp substrates if there is no transfer of moisture to the touch of a hand.
- This product is NOT intended for use in permanently exposed exterior applications. All above grade applications will require some sort of UV barrier.

ULTRA-GUARD® ELASTOMERIC HB

7 FLUID APPLIED | Membrane Waterproofing



TECHNICAL SERVICES | PRODUCT SPECIFICATIONS

Type: Ultra-Guard® Elastomeric HB Coating

Test	Criteria	GMX Ultra-Guard® Elastomeric HB
	ASTM C836	
Hardness Shore A	≥50	71
Weight Loss of Solids	≤20	Pass
Nonvolatile Content	≥80	Pass
Low Temp Crack Bridging	No Cracking in Base Coat	Pass
Film Thickness on Vertical	55 to 65	Pass
Peel Adhesion	≥1	Pass
Extensibility	ASTM C1522	Pass
Stability	Meets after 6 months of Production	Pass
Water Vapor Perm Procedure B	ASTM E96	0.033
Fire Test	ASTM E108-11, 17	Class A
Miami-Dade	NOA	24-0430.05
Wind Uplift	TAS 114-95, D	No Failure @ -1005 PSF
Elongation	ASTM D412	588%
Tensile Strength	ASTM D412	133 psi
Skin Formation	at 70°F	240
Max VOC	grams/ltr	<40
Minimum Application Temp	at 30°F	Above 30°F and Rising
Service Temp	-40°F to 200°F	Yes
Yield	Sq. Ft. Per Gallon	60 mils = 26 90 mils = 17.5 120 mils = 13 180 mils = 8.5



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