

# ULTRA-GUARD® ELASTOMERIC HB

DIVISION 7 FLUID APPLIED | Membrane Waterproofing



## 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 as between slab waterproofing, equipment wells, and other underground construction.

### Advantages:

- Moisture cure
- High solids, minimal shrinkage
- No outgassing on damp surfaces
- Can be applied up to 120 mils in one coat on horizontal surfaces (60 mils 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 the 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 the 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 in 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.
- Not intended for use without a drainage plane.

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## TECHNICAL SERVICES | PRODUCT SPECIFICATIONS Type: Ultra-Guard Elastomeric Coating

Test	Measurement	Method
Shore A	25	ASTM D2240
Tensile (psi)	133	ASTM D412
Elongation (%)	588	ASTM D412
Modulus @ 100% (psi)	41	ASTM D412
Permeability (perms), (perm*inches)	~1, 0.055	ASTM E96 Method B @ ~60 mils
Viscosity 1,2,10 rpms (cps)	155k, 101k, 40.2k	Brookfield
Skin Formation (min)	240	NA
Extensibility After Heat Age	*NA	ASTM C836
Low Temp. Crack Bridging	*NA	ASTM C836
Hydrostatic Head Resis- tance	*NA	ASTM C836
Water Uptake (%wt.)	11	4 wks submerged @ 50°C
Wet Adhesion to Mortar (pli)	12.86	ASTM C794 (1 pli = passing)
Dry Adhesion to Mortar (pli)	15.84	ASTM C794



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