

TECHNICAL DATA
HT-250 Potable : Flexible Coating
UL Certified to ANSI 61-5 Standards

DESCRIPTION

HT-250 Potable is a two component, 100% solids, zero VOC's (Volatile Organic Compound), elastomeric coating that has been developed for water and wastewater applications over concrete, steel, aluminum, and fiberglass. HT-250 Potable can be applied at temperatures ranging from -30°F to 350°F. This aromatic elastomer displays excellent chemical resistance, thermal stability and UV resistance. This material is very forgiving and greatly minimizes problems associated with applications in the field.

HT-250 POTABLE FEATURES

- Excellent Elongation giving the product the ability to hold up to excessive movement
 - HT-250 Potable is formulated to handle the expansion and contraction of water infrastructure
- Fast-Set
 - HT-250 Potable is a fast-set Elastomeric spray only application

APPLICATION

HT-250 Potable is to be applied through a high pressure, plural component pump at a 1:1 ratio. When ready to spray this material, the proportioning unit must be capable of supplying the correct pressure and heat which is mandatory in order to apply the product in a consistent, efficient manner. Depending on the plural component spray system used, HT-250 Potable should be applied at a constant pressure range between 2000 and 2500 psi and material temperature of 140°F to 160°F.

PHYSICAL PROPERTIES

Tensile Strength, PSI ASTM D412 3850
Elongation, % ASTM D412 425
Tear Strength, PLI ASTM D624 570
Hardness, SHORE D ASTM D2240 52
Flexibility, 1/8" MANDREL ASTM D1737 PASS

Flash Point, °F PENSKY-MARTIN >200
Taber Abrasion, MG LOSS ASTM D4060 17.0
Gel Time Seconds 11
Tack Free Time Seconds 22

Wait 36 hours from final application and perform a final rinse down of the newly applied coating before putting potable structures in service. Make sure to comply with any local, state, or federal laws before introducing potable water for use.

ADVANTAGES

- 100% Solids, Meets VOC Regulations
- Flexible, Excellent Elongation
- Excellent Thermal Stability
- Good Resistance to a Variety of Solvents, Acids and Caustics
- Seamless, Resilient, Non-Cracking Elastomer
- Excellent Corrosion Protection
- Low Perm Rate
- Fast Reactivity and Cure Time (No Catalysts)
- Cures From -30°F to 350°F

CLEAN-UP/DISPOSAL

Cured product may be disposed of without restriction. The un-cured isocyanate and resin portions should be disposed of according to local, state, and federal laws.

SHELF LIFE & STORAGE

Six months to one year in factory delivered, unopened drums. Keep away from extreme heat, freezing, and moisture.

PACKAGING

HT-250 Potable is available in 55 gallon drums, or 275 gallon totes.

SAFETY

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or a fresh air hood. Spraying indoors requires forced ventilation. Be sure to read MSDS in its entirety prior to using HT-250. ECS Coatings • 752 Commerce Drive • Suite 14, Bldg. C • Venice, Florida 34292 • 941.993.5923.

WARRANTY

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