

DESCRIPTION

HT-200 is a 1:1, fast-set, spray applied two-component coating. It is 100% solids and contains zero VOCs. HT-200 is ideal for the application of a structural coating system for manholes, pumping stations, headworks, channels, and other misc. wastewater infrastructure. HT-200 has very high hardness, excellent rigidity and impact resistance while maintaining good flexibility. This combination of properties yields a durable and structural finished surface that can easily be cleaned due to grease build up and holds up well to other required maintenance.

HT-200 FEATURES

- High flexural modulus giving the product structural characteristics and impact resistance
- Formulated with high impact resistance, to give a tough, durable finish to the final coating
- Fast-setting

APPLICATION

HT-200 is to be applied through a plural component, high pressure proportioning unit. Material and hose heaters should be heated to 150° F. Pressure should be a minimum of 2200 psi. If A side and B side pressures are not equal, stop spraying and examine equipment. Be sure to consult with a ECS Coatings representative for equipment and application training.

PHYSICAL PROPERTIES

Hardness, Shore D 70
Tensile Strength, psi >4,500
Elongation, % 25
Impact Strength (Direct), in lbs. >50
Flexural Modulus, psi >80,000
Flexibility, 180° bend over 1/2 in. mandrel Pass at 40 mils

Application Temperature

Substrate, °F 50 to 100
Ambient, °F 50 to 100
Gel Time, sec @ 77°F 8
Cure to Touch, sec @ 77°F 20

ADVANTAGES

- 100% Solids, Meets VOC Regulations
- Structural
- Excellent Thermal Stability
- Good Resistance to a Variety of Solvents, Acids and Caustics
- Seamless, Resilient, Non-Cracking
- Excellent Corrosion Protection
- Low Perm Rate
- 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-200 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-200. ECS Coatings • 752 Commerce Drive • Suite 14, Bldg. C • Venice, Florida 34292 • 941.993.5923.

WARRANTY

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