WOL-COAT® 366

2 COMPONENT STRUCTURAL EPOXY GEL

A two-component, solvent-free, moisture insensitive epoxy system. Specifically designed *for* the protection and repair of sanitary manholes, wet wells, and valve vaults. Its Paste-like viscosity is recommended *for* horizontal, vertical, and overhead surfaces. Its Non-Sag consistency is applied from 20 mils to ½" per coat.

TYPICAL USES:
WOL-COAT 366 has been formulated as a structural repair and resurfacing of concrete for the protection of the interior and the exterior of manholes, lift stations, and valve vaults against the damaging chemicals prevalent in water and sewer treatment environments.

ADVANTAGES
WOL-COAT 366 is 100% solids, low odor amine cured modified epoxy. It is unaffected by the presence of moisture during cure. It has outstanding resistance *to* most organic and inorganic acids and provides excellent adhesion to most substrates.

PHYSICAL PROPERTIES

MIX RATIO	Pre-proportioned units
COLOR/MIXED	Gray
POT LIFE, *450* grams	40 min. & 25°C
GENERIC TYPE	Amine-cured epoxy
SOLIDS BY VOLUME	100%
VOC	0 lbs./gal.
VISCOSITY @ 25°C	275,000 cps
COVERAGE per GAL.	16 sq ft/gal @ 100 mils
NUMBER OF COATS	One to two coats or as required
THICKNESS/COAT	20 Mils minimum, ½" Maximum
FLASH POINT	450°F
COMPRESSIVE STRENGTH (ASTM D-695)	
8 HOUR	10,800 PSI
1 DAY	12,600 PSI
7 DAY	13,600 PSI
TENSILE PROPERTIES (ASTM D-638)	
TENSILE STRENGTH	7,680 PSI
ELONGATION AT BREAK	
MODULUS OF ELASTICITY	7.5 X 105 PSI
TENSILE ELONGATION	5-7%
FLEXURAL PROPERTIES (ASTM D-790)	
FLEXURAL STRENGTH	13,200 PSI
FLEXURAL MODULUS	773,200 PSI
BOND STRENGTH (ASTM C-882)	
14 DAY MOIST CURE	3,300 PSI
SHEAR STRENGTH (ASTM D-732)	4,600 PSI
THINNING	Not required
TEMPERATURE RESISTANCE (dry)	-30 to 150°F

WOL-COAT, LLC, 310 S Brevard Ave Suite 5, Tampa, FL 33606, 813.263.4498
jwolfe@wol-coat.com web site: wol-coat.com

APPLICATION INSTRUCTIONS

LIMITATIONS: Apply only in good weather, when air and surface temperatures are above 50F and surface temperatures is at least 5 degrees above wet bulb temperature reading. For optimum application properties, maintain product in heated storage between 70 and 90F, or bring this material to this temperature range prior to mixing and application.
SURFACE PREPARATION: Prepare and coat only clean, dry surfaces.

Steel - Prepare surface in accordance with Steel Structures Painting Council Specification NO.10 "Near White Blast Cleaning" (SSPC-SP 10-63T). Use proper type and size abrasive to attain an average profile depth of 2.0 mils. Do not reuse sand or flint abrasives. Grit or shot abrasives must be cleaned of contamination before reuse. Blow dust and grit from surface with clean, dry air. Coat within 8 hours and before rust or contamination occurs. Apply WOL-COAT 366 as specified directly to properly cleaned steel or over recommended primers. For immersion service, round all welds, sharp edges to a smooth curve and remove all weld spatter before blast cleaning.
Concrete - Surfaces shall be clean, dry, properly cured and free from curing compounds, oil, grease, dirt, chemical contaminant's, waxes or previously applied coatings which are not compatible. Brush blast or Water blast to provide an etched surface and to remove contaminant's and laitants. Remove dust before coating. Apply WOL-COAT 366 as specified.
Aluminum and Galvanized - Remove all oil, grease and other contaminant's, then lightly brush blast or etch with specified pretreatment. Prime with recommended primer, then apply WOL-COAT 366.

MIXING: (Mix only complete units) - A Component container is short filled to allow addition of B Component. Add the B Component and thoroughly blend into Part A with Jiffy Mixer for two to three minutes. Allow to stand a minimum of five minutes before application. Usable life of mixed material is function of material temperature. Use within time/temperature limits given in Pot Life section.
THINNING: Do not thin. A completely mixed unit yields two gallons of WOL-COAT 366.
APPLICATION: Apply via gloved hand and or spatula. Apply to required thickness. After material has achieved an initial set, about 30-40 minutes, using clean glove or trowel, dip gloved hand or trowel in recommended solvent, solvent applied to glove and tools will smooth previously applied WOL-COAT 366 to desired smoothness. Keep glove and tools constantly wet with solvent. Solvent on surface will evaporate quickly.
Time Between Coats - Where two coats of WOL-COAT 366 are required to achieve the recommended film thickness, the interval between coats should be as short as possible. To insure maximum inter-coat adhesion, it is recommended that: (1) The next coat be applied as soon as possible - after the previous coat is firm. (2) If the previous coat has cured beyond the maximum recoat time given in Drying Time Section, uniformly abrade the surface by brush blasting or mechanical grinding to provide an adequate mechanical bond before recoating.
Final Curing Times (Following application of last coat) For immersion service, 12 hours at 77F or higher. Cure times are proportionately shorter at elevated temperatures and longer at lower temperatures.

CLEANUP: Clean all equipment immediately after use with xylene.
CONTINUITY TEST WOL-COAT 366 shall be tested for holidays at specified voltage. Holiday detector should be used to check continuity of fully cured film. A suitable type is Tinker-Rasor Model M-1. Consult equipment manufactures voltage recommendation / mil thickness of applied coating. Holiday areas should be sanded or brush blaster, then recoated over abraded areas only.
SAFETY: Refer to “Safety Data Sheets" for complete information on safety and handling. Take these precautions during application and before coating dries. Avoid breathing of vapor or spray mist. Avoid contact with eyes and skin, Use a barrier cream on exposed skin. Wash thoroughly after handling. In case of spillage, absorb and dispose of in accordance with local applicable regulations. Do not take internally. Use with adequate ventilation during application and drying. In tanks and other confined areas, use only with adequate forced air ventilation to prevent dangerous concentrations of vapors. Use fresh air masks, clean protective clothing and explosion-proof equipment. Follow OSHA regulations regarding ventilation and respiratory equipment.
FIRST AID: In case of skin contact, wash thoroughly with soap and water; for eyes, flush immediately with plenty of water for 15 minutes and call a physician. If affected by breathing of vapor, move to fresh air. If swallowed, call a physician immediately. Do not induce vomiting.
IN CASE OF FIRE: Use dry chemical, foam, water fog or CO2.

IMPORTANT! Any mixture of Components A and B will have hazards of BOTH components.

LIMITATION of LIABILITY: WOL-COAT 366 is warranted for a period of two years from the date of sale to be free of manufacturing defects, to meet the published standards when handled, stored, mixed, and applied as specified by Wol-Coat. This product is manufactured to rigid control specifications. It is impossible to control the use and application. There for, the manufacturer’s sole liability is limited to replacing quantities of the product proven to be defective. The manufacturer disclaims any liability for the cost of labor to reapply or any other cost in the use of this product.

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