LineGevity 454

Technical Data Sheet (TDS)

PRODUCT DESCRIPTION

LineGevity 454 is a propriety 100% solids, internally reinforced, self leveling, AHC Polymer designed specifically for the application of lines on warehouse and factory floors. LineGevity 454 exhibits excellent resistance to organic solvents, caustic environments, and dilute acidic exposures while also displaying outstanding mechanical properties, such as adhesion and abrasion resistance. LineGevity Line Coatings are designed for concrete or metal flake floors and is self priming on steel.

APPLICATION DATA SUMMARY

LineGevity 454 is mixed on site and applied with notched trowel, "squeegee", roller or airless spray to create a long lasting abrasion and wear resistant line. LineGevity can also be applied to vertical and horizontal steel surfaces without the need for surface primers or other types of secondary bonding agents. A primer must be used on concrete surfaces.

SURFACE PREPARATION

Coating performance is directly related to the quality and degree of surface preparation. Prior to overcoating, all surfaces must be clean, dry, undamaged, and free of all contaminants. For more specific information, consult the surface preparation section contained in the Application instructions.

SAFETY PRECAUTIONS

Read the Safety Data sheet carefully before use. Safety precautions in the SDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health and cause fire or explosion. For further information, please refer to our "Epoxy Resin Safety Handling Guide".

APPLICATION DATA

Substrate:	Properly primed & prepared Concrete, blasted Steel.
Surface Preparation	
Steel	AMPP SSPC-SP5/NACE No. 1
Concrete	A suitable Wolverine Coatings Corporation primer must be applied first
Application Method:	Roller, Brush, Notched Trowel
Pot Life:	30 Minutes at 25°C
Induction Period:	None
Mixing:	Packaged in pre-measured containers consisting of Resin Part A and Hardener Part B which must be mixed together before use.
Mix Ratios:	2 Parts "A" to 1 Parts "B" (By Volume)

APPLICATION DATA (CONTINUED)

Temperature Range:	45 - 120°F
Max Relative Humidity:	80% at 70°F
Surface Temperature:	<5°F above dew point
Drying Time at 50-90% RH	90°F: 2 Hrs 70°F: 4 Hrs 50°F: 9 Hrs
Max Chemical Resistance:	7 Days
Thinner:	None
Equipment Cleaner:	MEK

PHYSICAL DATA

PROPERTY	*VALUE*	*TEST METHOD*
Finish:	Looks like ceramic tile	ASTM D523
Color:	Pigmented	ASTM D1544
Components:	Two	N/A
Curing Mechanism:	Chemical Reaction	N/A
Volume Solids:	100%	N/A
Dry Film Thickness:	40-125 Mils	N/A
Total Coats:	1 or more	N/A
Theoretical Coverage (sqft/gal):	10 Mils: 160.4 60 Mils: 26.7	N/A
VOC:	Zero	ASTM D3960
Temperature Limits:	200°F (wet) 350°F (dry)	N/A
Abrasion Resistance	14Mg lost (Taber, 1000 cycles, C-17 Wheel)	N/A
Adhesion (on Concrete):	The bond strength is so high that the concrete wil break underneath the coating usually pulling up a chunck of concrete.	
Adhesion (on Steel):	The bond strength is beyond the test capabilities of any adhesive or equipment we've tried. We guess it to be 10-12,000 psi.	
Flashpoint (SETA):	N/A	N/A