



LineGevity 454

TopCoat

Product Information Bulletin

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, primed, and free of all contaminants. For more specific information, consult Wolverine Coatings Corporation or your authorized Wolverine representative.

SAFETY PRECAUTIONS

Read the Material Safety Data sheet carefully before use. Safety precautions in the MSDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health.

PHYSICAL DATA

| | |
|------------------------|--|
| Finish | Looks like ceramic tile |
| Color | Pigmented |
| Components | Two |
| Curing Mechanism | Chemical reaction |
| Volume Solids | 100% |
| Dry Film Thickness | 20-125 mils |
| Total Coats | 1 (or more if desired) |
| Theoretical Coverage | <u>Ft²/gal</u> |
| 10 Mil | 160.4 |
| 60 Mils | 26.7 |
| VOC | Zero |
| Temperature limits | 350°F(dry) 200°F(wet) |
| Abrasion Resistance | 14 Mg lost (Taber, 1000 cycles, C-17 Wheel) |
| Adhesion (on Concrete) | The bondstrength is so high that the concrete will break underneath the coating usually pulling up a chunk 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 |

APPLICATION DATA

| | |
|---------------------|-------------------------|
| Substrate: | Blasted concrete, steel |
| Surface Preparation | |
| Steel | SSPC-SP5 Abrasive Blast |
| Concrete | ASTM D4258 |

APPLICATION DATA (CONT.)

| | |
|---------------------|--|
| Application Method: | Airless spray, roller, Brush, notched trowel |
| Pot Life | 30 minutes |
| Induction Period | None |
| Mix Ratios | 2 Parts “A” to 1 Part “B” |

Environmental conditions

| | | | | | | | |
|---------------------------------------|--|-------------|-------------|-------------|------|------|------|
| Temperature Range | 45-120°F | | | | | | |
| Max Relative Humidity | 80% at 70°F | | | | | | |
| Surface Temperature | >5°F above dew point | | | | | | |
| Drying time (ASTM D1640) at 50-90% RH | | | | | | | |
| To Touch | <table><tr><td><u>90°F</u></td><td><u>70°F</u></td><td><u>50°F</u></td></tr><tr><td>2 hr</td><td>4 hr</td><td>9 hr</td></tr></table> | <u>90°F</u> | <u>70°F</u> | <u>50°F</u> | 2 hr | 4 hr | 9 hr |
| <u>90°F</u> | <u>70°F</u> | <u>50°F</u> | | | | | |
| 2 hr | 4 hr | 9 hr | | | | | |
| Max Chemical resistance | 7 days | | | | | | |
| Thinner | None | | | | | | |
| Equipment Cleaner | MEK | | | | | | |

SHIPPING DATA

| | |
|---------------------------------|------------------------|
| Packaging | 1, 4 and 150 gal units |
| Shelf Life (indoors @ 40-100°F) | 12 Months |

WARRANTY

Wolverine Coatings Corporation warrants its products to be free from defects in material and workmanship. Wolverine Coatings Corporation's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Wolverine Coatings option, to either replacement of products not conforming to this Warranty or credit to the Buyer's account in the invoiced amount of the nonconforming products. Any claim under this warranty must be made by the Buyer to Wolverine Coatings in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Wolverine Coatings of such nonconformance as required herein shall bar Buyer from recovery under this warranty.

Wolverine Coatings makes no other warranties about the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Wolverine Coatings be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the use of the products made by Wolverine Coatings, whether in its technical literature, or in response to specific inquiry or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for the Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedure of use, or extrapolation of data may cause unsatisfactory results.

LIMITATION OF LIABILITY

Wolverine Coatings Corporation's liability on any claims based upon Wolverine Coatings Corporation's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall Wolverine Coatings Corporation be liable for consequential or incidental damages.