

TECHNICAL DATA SHEET

Flex Guard[®] - LME 100



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FEATURES AND BENEFITS

Can be used as a protective coating for a variety of applications on asphalt, metal, wood, and masonry, and foam surfaces.

- **100% Asbestos-free**
- **>55% solids**
- **0 g/L VOC content**
- **Self healing in certain applications**
- **Can be applied to “green” concrete**

TECHNICAL DATA SPECIFICATIONS

- **Solids (%) (ASTM C1250): 64±3% min by weight**
- **Density: 8.1 lbs/gal±4 (0.92 G/cm²)**
- **Application: Airless Spray, Brush**
- **Cure Time: 4-24 Hours**
- **Elongation: 800% minimum**
- **Adhesion to Concrete: Excellent**
- **Low Temperature Flexibility: Flexible to -10°F**
- **Water Vapor Permeance: <0.13 Perms**
- **Air Permeability (ASTM E2178): <0.001CFM/ft²**
- **Liquid Water Absorption: <0.5% by weight**
- **Resistance to Degradation: Excellent**
- **Bacterial Attack: No degradation**
- **Algal Attack: No degradation**
- **Fungal Attack: No degradation**
- **Resistance to Chemical Attacks: Very resistant to acid, salts**

Modified Emulsion Coating

DESCRIPTION

Flex Guard[®] - LME 100 is an anionic emulsion that is a latex modified emulsion. This material is an emulsion with colloids and polymers to formulate a waterproofing coating.

Flex Guard - LME 100 can be used for exterior below grade or between slab application.

SPECIFICATIONS/COMPLIANCES

ASTM C 836 / ASTM D 1970 passes nail seal-ability. All products comply with current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, SCAQMD, CARB, and OTC. ICC AC-29 certified waterproofing.

APPLICATION

- **Flex Guard - LME 100 must be applied to a surface that is free from all foreign matter. The material should remain dry until it has fully cured.**
- **Flex Guard - LME 100 can be applied by brush, squeegee, or spray equipment in one continuous coat as low as 32 sq ft/gal. The surface must be uniformly coated with no translucence.**
- **Apply 60 mils wet to achieve 40 mils dry**
- **Flex Guard - LME 100 is easily sprayed with a Graco GH833 Siphon Pump, 1/2” hose, Blue Texture Spray gun, and a GHD 661 Spray Tip. The Graco GH733 Siphon Pump can also be used with a compatible spray tip. In both cases, the in-line filter should be removed.**
- **Other comparable brand spraying equipment can also be used.**
- **Product can be applied when surface and air temperatures are at 45° F and rising. This product can also be applied to “green” concrete.**

PACKAGING

- **5 gallon pails (18.9 L)**
- **55 gallon drums (208.2 L)**
- **275 gallon tote (1,041 L)**
- **Bulk**





WARRANTY

Quadex, LLC warrants its products to be free of defects in material and workmanship. Unless superseded by project specifications and terms agreed upon in writing between installer and Quadex prior to bid, if within one year from purchase, any Quadex, LLC product is proven defective, the company will replace said product or refund its purchase price at its sole discretion. The company's obligation shall be limited solely to such replacement or refund. There are no other warranties by Quadex, LLC, expressed or implied. There is no warranty if Quadex products are used contrary to Quadex, LLC's written directions.

SHELF LIFE / STORAGE

Shelf life of Flex Guard - LME 100 in the original, tightly closed container is 1 year from the date of manufacture. Do not store at temps exceeding 110° F.

CLEAN-UP

Use soap and water for personal clean up, preferable before the material dries.

Use manufacturer recommended cleaning tools and equipment and as a general asphalt cleaner/remover for Flex Guard - LME 100.

LIMITATIONS / PRECAUTIONS

- **Do not allow material to freeze.**
- **Do not thin material**
- **Keep out of the reach of children.**
- **Do not take internally.**
- **In case of ingestion, CALL A PHYSICIAN immediately. DO NOT induce vomiting.**
- **Can cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.**
- **If eye contact occurs, flush immediately with clean water and seek medical help as needed.**
- **Refer to Safety Data Sheet for complete health and safety information prior to using product.**
- **FOR WELL VENTILATED OR EXTERIOR USE ONLY!**