Legacy Industrial

Heavy Duty Floor Solutions

Formula-137™ Penetrating Sealer

Features and Benefits

Concrete-Stone-Brick

- Highest water repellency oil & stain resistance
- Strengthens surface structure
- Low VOC Green Product
- **No separate densifier-primer required**
- Defends against alkali action
- Makes surface easier to clean & maintain
- Strongly resists the growth of molds, algae and other micro-organisms



Technical Data

VOC Level: 12 G/L
Tack free: 1 hour
Foot Traffic: 6 hours
Vehicle Traffic: 24 hours (full strength at 7 days)
Water Resistance: Excellent
Finish: Natural (invisible)
Appearance: Clear
Stain Resistance: Excellent
Concrete Penetration: Excellent
Application temp: 50-95 deg f.

Legacy Industrial Products LLC
570 Lake Cook Rd. Ste 300, Deerfield, IL 60015
1-(888)-652-0333 - sales@legacyindustrial.co - www.legacyindustrial.co

Instructions for Use

Product Description

Formula-137™ is a water based, reactive, penetrating sealer for concrete, bricks, pavers, sandstone, limestone, marble and granite designed to strengthen and strongly resist water, oil, alkali, and salt i ntrusion.Formula-137™ is able to achieve this through a unique micro emulsion technology that allows for surface penetration normally only observed in solvent based formulas. When measured on the nano-scale, Formula-137™ has an extremely small polymer design.

Recommended Applications

Formula-137™ is useful for sealing indoor/outdoor, horizontal/vertical, concrete, paver, masonry, brick, stucco and stone surfaces. It is especially useful when the user wants the surface to remain natural looking and without a topical residue. Consider for: pool-decks, patios, walkways, stadium venues, parking-decks, bridge decks, loading docks, balconies, garages, warehouses, grow-rooms, outdoor mall & public spaces.

Coverage Rate *200-500 sq ft per gal, substrate porosity dependent*

Shelf-Life *Formula-137™ has a one-year shelf life in an unopened container.*

Packaging *One gallon & 5 gallon units. 50 gal drums available for special order.*

Instructions for Use

PREP:

Before application the receiving surface must be deemed structurally and mechanically sound, clean, and dry. All receiving surfaces must be free of water repellants, laitance, efflorescence, oils, fats, grease, waxes, residues from cleaning compounds, non-visible soluble salts, and any other impediments to penetration. Always check for potential bond breakers. One method entails pouring a slight amount of water on the surface in random areas. If water beads up, this indicates a bond breaker is present and further surface preparation steps are necessary, such as sanding.

APPLICATION:

Indoor Troweled Concrete: Apply using a lamb's wool, paint or micro-fiber pad. Spread the sealer over the entire surface, working out any puddles as you apply. Apply (2) "wet on wet" applications. Outdoor Textured Concrete: Apply using a general-use pump-type sprayer. If it is a windy day, wait until wind has subsided. Apply (2) "wet on wet" applications. Follow all safety and personal protection advice, listed on the product can & SDS (available upon request). POROUS CONCRETE WILL REQUIRE MORE PRODUCT THAN SMOOTH. NOTE: Work in small areas as the product will reject the 2nd treatment if applied too long after the 1st treatment

PLEASE READ!!

IT IS NOT RECOMMENDED THAT THIS PRODUCT BE USED IN A MANNER THAT CREATES AN AEROSOL-MIST WITHOUT THE USE OF A NIOSH approved air purifying respirator equipped with universal multi-contaminant, multi-gas/vapor cartridges and at least P-99 solid/aerosol particulate filters if exposure to dusts, mists, or vapors could occur. Consult SDS.

TOPCOATING/Recoating:

Once the product has dried, recoats will be impossible. The product will reject further coats.

Instructions for Use

Clean-Up *Soap & Water*

Product Removal

This product cannot be removed by any stripper. It can only be removed using mechanical means.

Precautions and Limitations

Restrict the use of the floor to wheeled traffic and non-harsh chemicals after 24 hours has passed. Keep the floor dry for this period. Always test cleaners prior to use. Read the container label warning and Safety Data Sheet for important health and safety information prior to use for details on the safe handling and use of these products. Always test chemical resistance for your specific application.

Oil & Stain Resistance

This product has shown significant oil & stain resistance during lab and field testing. However, the level of resistance is directly connected to the oil or stain-maker's chemical properties, amount of sealer used, amount of time the oil or stain maker is in contact with substrate, traffic/maintenance, porosity of the substrate and the age of the application. It is recommended that the oil or stain-maker be cleaned up as soon as possible. We also recommend that the user test our product to make sure it meet's the specifications and/or objectives for the project before using. Ultimately, only high-performance topical sealers produce the best stain resistance for substrates. Please consider Nohr-S® Polyurea or SEC SEALER for indoor applications and HD6500EXT for exterior applications where a higher level of protection is required.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our product is manufactured to the specifications as stated her or in other publications. All other information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. ***NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.*** *We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Any use or application other than recommended herein is the sole responsibility of the user. Uncured epoxy resins, polymers and their curing agents may be* ***ALKALINE, TOXIC or BOTH****, depending on the particular system. They may cause* ***ALLERGIC REACTIONS or HYPERSENSITIVITY REACTIONS. BEFORE USING*** *any material,* ***READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.*** *COPYRIGHT Legacy Industrial Products LLC.*

Formula-137™ Penetrating Sealer

Fact Sheet

Formula 137™ *is a fast curing, deep penetrating, concrete sealer designed to give long term water and oil-based resistance, while adding strength to the surface matrix of concrete, stone and clay brick materials. The hydrophobic and oleophobic properties of* ***Formula 137™*** *will last years as compared to traditional types of sealers whose protections lay at or near the surface. Through a chemical reaction with the substrate, the protecting chemistry is "locked in" deeply, resulting in performance that is difficult to abrade away.*

The reactive chemistry used to construct Formula 137™ is truly unique. *A study on multiple types of mineral and concrete surfaces treated with* ***Formula 137™*** *was conducted, consisting of a 500 rotation abrasion test. The results showed an increase in surface strength of over 10% versus the untreated control.*

Key Features:

Superior consolidation and hydrophobation of concrete and mineral surfaces
High penetration depth
Strong resistance of oils
Allows surface to remain vapor permeable
Strongly resists the uptake of salts and minerals
Excellent resistance of alkali environments
UV stable

Key Applications:

Exterior Concrete Surfaces

Parking Garages, Bridges, Structural Concrete, Stadiums, Outdoor Malls, Sidewalks, Balconies, Walkways, Pool-Decks, Water-Parks, Amusement Parks, Concrete Parking & Drives, Travel Plazas

Interior Concrete Surfaces

Parking Decks, Garages, Warehouses, Distribution Centers, Lanai Floors, Indoor Pool Areas, Loading Docks, Fleet Centers, Auto-Repair Facilities, Manufacturing Floors, Indoor Grow/Farms

Legacy Industrial Products LLC, 570 Lake Cook Rd. Ste 300, Deerfield, IL 60015
1-(888)-652-0333 - sales@legacyindustrial.co - www.legacyindustrial.co