



THE EUCLID CHEMICAL COMPANY

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SURFLEX[®] LIGHT REFLECTIVE

NON-METALLIC FLOOR HARDENER

SURFLEX LIGHT REFLECTIVE is a special formulation of finely graded silica aggregates, pigments, plasticizers and cement binder. It is an economical concrete floor hardener recommended for both interior and exterior use. SURFLEX LIGHT REFLECTIVE has been designed to give increased reflectivity to improve lighting levels in combination with increased abrasion resistance.

PRIMARY APPLICATIONS

- Where floor surfaces will be subjected to a range of duty service
- Where light-reflective, non-metallic floors are specified
- Airline hangars
- Warehouses
- Factory floors
- Parking garages
- Auto service centers
- Commercial and industrial facilities

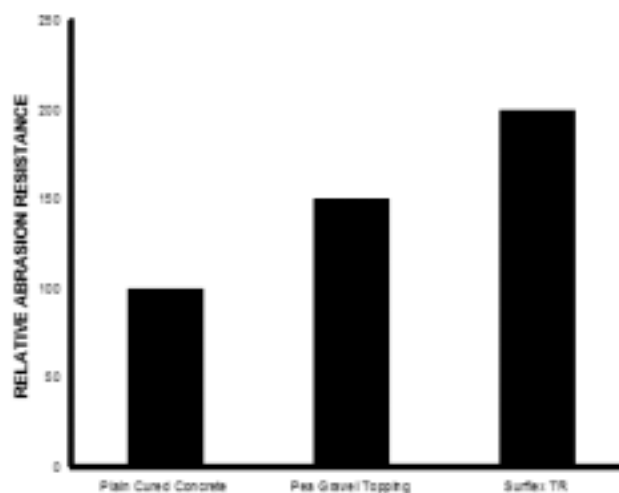
FEATURES/BENEFITS

- This product provides reflectivity levels in excess of 60%
- Saves on initial facility investments with possible elimination of light fixtures
- Capable of reducing annual energy costs by lowering electrical requirements due to improved lighting
- Gives up to twice the abrasion resistance of plain concrete
- Economical to install
- Pre-mixed and packaged to eliminate jobsite mixing and inconsistencies
- Excellent for both indoor and outdoor use
- Provides a dense, high-strength surface for easy maintenance

TECHNICAL INFORMATION

Typical Engineering Data

ASTM C 779



Appearance-SURFLEX LIGHT REFLECTIVE is a free flowing powder as packaged. The color will appear darker after placement on the concrete surface, but will lighten substantially after curing and drying.

The final finish can be any texture normally achievable with concrete and should be specified by the owner.

COVERAGE

SURFLEX LIGHT REFLECTIVE may be applied at rates from 1.0 - 2.5 lb/ft² (4.9 - 12.2 kg/m²). Higher application rates yield better abrasion resistance. Greater application rates may be used with special considerations. Contact your Euclid Chemical Company representative for recommended procedures.

PACKAGING

SURFLEX LIGHT REFLECTIVE is packaged in 50 lb (22.7 kg) bags with polyethylene liners for moisture protection. Material is shipped 64 bags per pallet.

DIRECTIONS FOR USE

The contractor and engineer are encouraged to consult and review the Euclid Chemical bulletin "**Application Instructions - Dry Shake Floor Hardeners**". The document offers instructions detailing the general installation of Euclid Chemical manufactured dry shake floor hardeners.

Note: If the contractor is not familiar with the standard application techniques of a dry shake floor hardener, a pre-job meeting is suggested to review the project concrete mix design as well as placement and curing details unique to the particular job. Contact your local Euclid Chemical Company representative for additional information.

In addition to the information in "Application Instructions - Dry Shake Floor Hardeners", the contractor should consider the following when installing SURFLEX LIGHT REFLECTIVE:

Colored (pigmented) dry shakes require special attention for a uniform color. If the job involves placement of SURFLEX LIGHT REFLECTIVE, care should be taken with regards to the following:

a. Delay application of the shake as long as possible to get the maximum color saturation at the surface of the slab.

b. Apply the shake as evenly as possible and in two applications for maximum uniformity .

c. Do not burnish trowel the floor. Best appearance is achieved by hand troweling the final finish.

Curing and Sealing-The following products are recommended for curing and sealing SURFLEX LIGHT REFLECTIVE. Each has its own advantages and unique properties. Consult the individual technical data sheet for each curing and sealing product or contact your Euclid Chemical Company representative for a recommendation regarding your specific project.

CURING

Solvent Based

SUPER DIAMOND CLEAR

V.O.C. Compliant

SUPER DIAMOND CLEAR VOX

SEALING

Solvent Based

SUPER DIAMOND CLEAR

V.O.C. Compliant

EUCODIAMOND HARD¹

¹ If the floor surface will be exposed to solvents, hydraulic fluid, etc., cure the floor with EUCOSIL and polyethylene sheeting. EUCOSIL is applied at 350-400 ft²/gal (8.6-9.8 m²/liter). Seal the floor with EUCODIAMOND HARD penetrating sealer. Consult individual product data sheets for suitability and application information.

CLEAN-UP

Clean tools and equipment with water before the material hardens.

Shelf Life: 2 years in original, unopened package.

PRECAUTIONS / LIMITATIONS

- Store product in a dry place.
- Proper curing & sealing is required.
- Sufficient manpower is required to produce consistent results on large placements.
- Air-entraining admixtures may complicate finishing operations and cause blistering. Contact The Euclid Chemical Company if application of this product will be over air entrained concrete with more than 3% total air content.



Surflex LR-8.03

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for six (6) months from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.