

EPOLOC[®] 854HS

Self-leveling epoxy floor coating

TECHNICAL DATA SHEET

Date 01.24.15 Version 6

Construction

Product Description

High performance, high solids, self-levelling, chemical resistant, amine cured epoxy resin coating. Graded aggregate can be added to achieve different grades of slip resistance.

Features

- Superior water resistance
- Resistant to most chemicals
- Superior corrosion resistance to fresh and sea water environment
- Excellent abrasion and thermal disturbance resistance
- High solids, can provide up to 6 mils per applied coat.
- Conforms to Specification MIL-P-23236, Class 1 and II, Type 1.

Colors

Off White premixed and Custom

Technical data

PROPERTIES	DATA
Volume Solids	85% ±2%
Typical Thickness (DFT)	5-6 mils(125-150 microns)
Theoretical Coverage	353 ft ² @ 4mils(8.66 m ² /li@100microns 235 ft ² @6mils (5.8m ² @150microns)
Practical Coverage	Allow Appropriate Loss Factor
Flash Point	73° F (23 °C)
Pot Life	4 Hours At 75 F Or Lesser During Higher Temperature

Intended use

Used as a hard and tough colored floor coating in areas such as warehouses, industrial factories, plant and storerooms, car parks, where high resistance against chemical attack is required.

Surface preparation

All surfaces should be dry, clean, free of oil, grease, form release agents, c, laitance, other foreign matter and be structurally sound. Remove all loose paint, mill scale, rust and mortar crumb. All direct to metal coatings gives superior performance above s. These conditions and budget restrictions which prevents blasting. Epoloc 854HS was made to give protection over less than perfect surface preparation. The least standard for non-immersion is SSPC-SP2 (ISO-St2); for immersion service the minimum standard is SSPC-SP10 (ISO-Sa2 1/2). These minimum surface preparation ideals apply to steel that has been previously abrasive blasted, coated and deteriorated. Where very rusty surfaces still remain after cleaning use Eposeal 300 dps Sealer prior to application of Epoloc 854HS Coating.

Mixing / Ratio

3:1 By Volume

Supplied in 2 separate containers. Stir separately then, mix together. Once the product has been mixed it must be applied within the pot life specified. always mix A complete unit in the proportions supplied.

Thinning

Use Up To 15 Percent By Volume Only. Use TH-46 Thinner

System compability

Compatible with EPOLOC 100HS, EPOLOC 8100, EPOLOC 8101, TERAKO-TE 887, TERAKOTE 888, EPOSEAL 100LV, 400, EPOCLAD 9700

Application equipment

The preferred method of application is airless spray . However, brush, roller or air-atomized spray may also be used. Refer to thinning recommendations for proper performance, a dry film thickness of 6 mils per coat is required. Excessive brushing or rolling may reduce film thickness. Apply a Second coat if necessary to achieve the recommended film thickness .



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Work cessation

Do not let material to stay in hoses, gun or spray equipment. Flush all equipment with TH-46 Thinner. As soon as units of paint have been mixed they should not be resealed and it is advised that after prolonged cessations of work resume with freshly mixed units.

Storage Condition

Temperature : 35°F(2°C) to 110°C

Humidity : 0-100%

Packaging

U.S.Gallon(3.785 Li)

Clean-up

All equipment should be immediately cleaned after use with TH-46 Thinner. It is good work training to flush out spray equipment from time to time throughout the progression of the painting day. Cleaning regularity will depend upon amount sprayed, temperature and elapsed time, including any delays. Left-over material and empty containers should be disposed off in accordance with appropriate government regulations.

Drying time

Temperature	To Touch	Overcoating Interval with Itself	To Handle	Full Cure
90°F (32°C)	2 Hours	6-10 Hours	6 Hours	8 Days Before Subjection To Chemicals.

Safety

Combustible Liquid and vapor. Harmful if inhaled and swallowed.* May affect brain or nervous system causing dizziness*, headache or nausea. Causes nose, throat, eye and skin irritation.*

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

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