

PRODUCT DESCRIPTION

Isolatek International's ISOLA-GUARD WB 500 is a two-part water-based epoxy coating specifically developed for Isolatek's passive fire protection systems used in petrochemical facilities, refineries and nuclear/power plants.

ISOLA-GUARD WB 500 is a multipurpose material functioning as a curing agent, water repellent, and primer. It can be applied to damp ISOLATEK Type M-II, ISOLATEK Type TG or ISOLATEK Type M-II/P within a 24 hour - 72 hour period of the fireproofing's application.

PRODUCT ADVANTAGES

- Facilitates the curing process and optimizes the strength of the M-II Series material in high temperature/low humidity environments by normalizing its drying rate
- Increases the M-II Series fireproofing's already superb water repellency by a factor of 5, providing a durable seal against moisture
- Effectively seals and protects against moisture ingress at termination areas when applied prior to the application of a caulk/sealant at the termination points
- Repels water yet allows vapor permeability for optimized drying and preparedness for ISOLA-GUARD WB 510 or topcoats, if desired
- Easy to apply via spray, roller, or brush without the need for special mixing equipment
- Clean up is quick using only water and no solvents
- Environmentally friendly, low VOC

Technical Data	
Color	Grey-tan
Finish	Flat
Mixed Density	1.37 g/cc (11.5 lbs/gal)
Mix Ratio	1:2.4 A:B by Volume
Wet Film Thickness	76.2-127 microns (3-5 mils)
Dry Film Thickness	38.1-63.5 microns (1.5-2.5 mils)
Volume Solids (v/v%)	57 ± 2%
Theoretical Coverage	11m ² per litre at 50 microns DFT (454 ft ² per gal at 2 mils DFT)
Pot Life	120 min. @ 24°C (75°F)

Packaging/Storage	
Packaging	Two part individual pre-measured containers (Part A and Part B)
Net Contents	Large Kit: 15.9 L (4.2 U.S. gal) Medium Kit: 7.9 L (2.1 U.S. gal) Small Kit: 2.6 L (0.7 U.S. gal)
Gross Weight (Approx.)	Large Kit: 25.2 kg (55.5 lbs) Medium Kit: 13.6 kg (29.9 lbs) Small Kit: 4.6 kg (10.2 lbs)
Shelf Life	12 months in unopened sealed containers, properly stored
Storage	Storage Temperature 4° - 38° C (40° - 100° F) Must protect from freezing and excessive heat. Store in a dry environment.



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We support our customers with unsurpassed technical expertise and customer service, complemented by an extensive global network of experienced sales representatives and recognized applicators. For detailed product information or for the name of the sales representative in your area please contact us.

The performance data herein reflect our expectations based on tests conducted in accordance with recognized standard methods under controlled conditions. The applicator, general contractor, property owner and/or user MUST read, understand and follow the directions, specifications and/or recommendations set forth in Isolatek International's publications concerning use and application of these products, and should not rely merely on the information contained in this product data sheet. Isolatek International is not responsible for property damage, bodily injuries, consequential damages, or losses of any kind that arise from or are related to the applicator's, general contractor's, or property owners' failure to follow the recommendations set forth in Isolatek International's publications. The sale of these products shall be subject to the Terms and Conditions set forth in the Company's invoices.

Isolatek International provides passive fireproofing materials under the CAFCO®
trademark throughout the Americas and other markets and under the
ISOLATEK® trademark throughout the world.

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