



TECHNICAL SHEET

EPOVAL W2

EPOXY PRIMER IN WATER DISPERSION
 FOR ANTI-MOISTURE TREATMENT
 AND REHABILITATION OF CONCRETE SLABS

DESCRIZIONE

Epoval W2 is a resinous bi-component system epoxy-based aqueous dispersion, specific for the remediation of dusting screeds and for the realization of barriers anti humidity on porous and absorbent. Given its nature is extremely powerful not only for cement concrete toppings but also cement of low porosity materials such as marble, granite and ceramic coated surfaces. Recommended as a hardener for screeds (load distribution layer) mechanically weak, not up to standard, to obtain a compound with adequate mechanical resistance.

Specific treatment for waterproofing anti-damp against the residual moisture of the screed up to 3.5% measured with a carbide hygrometer.

TECHNICAL DATA

Aspect of the base resin (component A): aqueous emulsion white color.
 Aspect of the hardener (component B): aqueous emulsion beige color.
 Ratio by weight of the mixture: 1:1 for 10 kg (5 kg component A + comp. B 5 kg = 10 kg of final product)
 Density (A + B): 1.20 Kg/L
 Pot Life: 80 min. at 25° C
 Foot traffic after bonding: 10/12 h at 25° C
 Drying time: at 23° C 50% RH 24-36 hours
 Application: by brush or roller
 Application temperature: +10° C to +28° C
 Dilution: water (max 20%)

INDICATIONS

1. Always check the subfloor humidity and the humidity of the floor to be bonded through the use of appropriate tools.
2. Before installation, acclimate Epoval W2 at a temperature between +10 ° C and 28 ° C.
3. Ventilate the area during application of the product.
4. After treatment with Epoval W2, use an adhesive polyurethane or epoxy-silane.
5. Any reduced preparations must be made exclusively on weight ratios of A + B 1:1.
6. Between the application of Epoval W2 and laying wooden flooring, we recommend drying for 5-6 days.

For any questions covering any changes in operations, contact your technical service.

SURFACE PREPARATION

For proper penetration of the treated surfaces must be free of dust, loose particles, fatty substances, previous treatment with resins, paints or products incompatible with the epoxy resins.

PRODUCT PREPARATION

Pour the hardener (component B) in the base resin (component A) and mix thoroughly the two components (5 Kg comp. B in 5 Kg comp. A). The product must be mixed for about 5 minutes, preferably with an electric mixer at low speed to avoid overheating (drill 250/500 revolutions per minute). To make the product more fluid add 10% of water continuing to mix to complete homogenisation.



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APPLICATION

Spread **Epoval W2** on the substrate with a brush or roller applied uniform and homogeneous. If the substrate is very absorbent can apply the product with a 20% dilution with water .

Treatment dusting: to obtain a compact surface, improving the mechanical performance of wood floors installation in screed. Applying an amount of about 150 g / sqm. Treatment consolidating and waterproofing: to impart to the surface layer of the substrate an adequate vapor barrier and a good resistance to mechanical stress of the flooring cutlery and in particular of the parquet. Apply a first coat of **Epoval W2** roller or brush operating so as to uniformly impregnate the surface after (6-8 hours), apply a second coat. The complete cycle involves a consumption ranging from 300 to 400 gr. per square meter on average and will be sufficient to give the compound healed excellent compactness and toughness. Let it harden 24 to 48 hours depending on the environmental conditions. For smooth or poorly absorbing substrates is recommended to sprinkle the surface with quartz powder (0 to 1.5 mm) during the application of the second coat.

AVERAGE COVERAGE WITH ROLLER APPLICATION

Approximately 100 to 200 g/m² hand (dusting and consolidating the surface).

Approximately 200 to 500 g/m² as an inhibitor of specific humidity and consolidation treatments in depth. (depending on the installation surface).

STORAGE

The product keeps the warranty in its original packaging (not altered) under standard conditions (15-35 ° C and 35-70% RH) for a period of 12 months. It is important to keep the product in a dry and ventilated area away from heat and direct sunlight.

PACKAGE

PE bucket Kg.5 or 10 (component A)

PE bucket Kg.5 or 10 (component B)

NOTE

The information contained in this data sheet is based on our best knowledge and preparation.

However, this cannot be interpreted as a commitment to guarantee, since the means, place of employment and the application conditions are beyond our control. So we do not assume any liability for unauthorized use of the product as the advice given in this application is indicative. In the case where there is any doubt about the application, it is recommended to perform preliminary tests.

The company Viscol s.n.c. therefore reserves the right to change or update this sheet without notice.

Users of the product are advised to check that you have the latest update.

BEFORE USING THE PRODUCT ALWAYS CONSULT MATERIAL SAFETY DATA SHEETS.