



Primers

EPOXITE DRYMAX WET

Technical Data Sheet

Reviewed: 30.07.2018



DESCRIPTION

EPOXITE DRYMAX WET is an extremely powerful, transparent, 2 component solvent free epoxy waterproofing hardener - primer and varnish. It exhibits high scrub resistance and superior hardness. It is highly resistant to water, acids, alkalis, petroleum based products etc. It is suitable for waterproofing, strengthening and protecting concrete and most common building surfaces.

ADVANTAGES

- Excellent adhesion and very high penetration capacity on porous substrates
- Full surface waterproofing
- Can be applied to damp areas
- Excellent substrate strengthening
- Dries fast and it does not emit volatile organic compounds (for non well ventilated spaces)
- Suitable for interior or exterior use
- Easy application

APPLICATIONS

- Waterproofing and priming concrete surfaces before applying epoxy and polyurethane coatings or self-leveling compounds.
- Waterproofing (moisture barrier) and priming concrete surfaces before applying polyurethane or epoxy parquet adhesives.
- Application as a final coat on cement screeds - concrete for strengthening and stabilizing the surface in order to avoid dust formation

METHOD OF APPLICATION

Surface Preparation

1. Surfaces should be clean and free of dust, oil and friable residues.
2. It is essential that the surface is free of dust prior application, so a high absorption vacuum cleaner should be used.
3. New cement screeds should be preferably allowed to harden for at least 28 days.

Mixing

1. A (resin) and B (hardener) components are already packed in separate containers with a preset mixing ratio 1 : 1. Any modification of the mixing ratio will result in improper polymerization of the mixture.
2. B component should be added completely in component A in quantities between 1 - 2kg final mixture.
3. The two components should be mixed for about 2 – 3 minutes by slow agitation.
4. It is important to stir the mixture thoroughly near the sides and the bottom of the container in order to achieve uniform dispersion of the hardener.
5. Apply immediately after mixing as the material can harden quickly. It is best to pour the liquid onto the surface and spread by roller or brush.

Application

1. EPOXITE DRYMAX WET should be applied in a single coat using a roller or brush.
2. A second coat may be applied on very porous substrates.
3. Any cracks must be filled with epoxy putty EPOXITE CONSTUCT after curing.
4. If a final coat - paint will be applied it must be done within 24 hours.
5. If the surface will be recoated after 15 days from EPOXITE DRYMAX WET application, then the surface should be scrubbed with sandpaper and cleaned thoroughly before application.

REMARKS

- The ideal temperature for applying epoxy coatings is between +15°C - +25°C. In lower temperatures (<+15°C) delayed hardening is observed while in higher temperatures (>+30°C) curing is accelerated. It is advised to store the product in room temperature between +15°C - +25°C in order to facilitate mixing.
- Bonding between successive layers may be severely affected by the intervention of moisture or dirt.
- Primed surfaces should be protected from moisture until dry. Moisture may induce unwanted effects during hardening. Discolored or sticky parts of the surface should be removed by grinding or milling and laid again.
- Before using the product consult the **SAFETY DATA SHEET**

CLEANING

Clean tools immediately after use with nitro solvent

CONSUMPTION

3 - 6 m²/Lt depending on application

TECHNICAL DATA

Component A

Base: Epoxy resin

Form: Thin liquid

Odor: Characteristic

Color: Transparent

Specific gravity: 1,1 ± 0,05 gr/ml 25°C (ASTM D 4052)

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Viscosity : 800 ± 100 cps

Solids: 100%

Solubility in water: none

Component B

Base: Hardener

Form: Liquid

Odor: Characteristic

Color: Yellowish

Specific gravity: 1,0 ± 0,05 gr/ml 25°C (ASTM D 4052)

Viscosity : 800 ± 100 cps

Solids: 100%

Solubility in water: none

MIXED PRODUCT

Mixing ratio: A:B = 1:1

Open time: 1 hour 20°C

Initial curing: 3 – 4 hours 20°C

Final curing: 48 hours 20°C.

Form: Liquid

Odor: Characteristic

Color: Yellowish

Specific gravity: 1,05 ± 0,05 gr/ml 25°C (ASTM D 4052)

Viscosity : 800 ± 100 cps

Solids: 100%

Application temperature: 10°C - 35°C

VOC (Volatile organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/i(SB)): 500 gr/lit (2010). This product contains 0 gr/lit VOCs

STORAGE

Products should be stored in a dry and cool place at a temperature of 5°-35°C, away from sources of ignition. Protect from humidity and direct sunlight.

SHELF LIFE

12 months from the production date in the above mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

PACKAGING

SET 1Lt, 3Lt

PACKAGING	CODE	BARCODE
SET 1Lt	5183	5204094051831
SET 3Lt	5184	5204094051848

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Component A



Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects Eye Irrit. 2: H319 - Causes serious eye irritation Muta. 2:

H341 - Suspected of causing genetic defects Skin Irrit. 2: H315 - Causes skin irritation Skin Sens. 1: H317 - May cause an allergic skin reaction P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P103: Read label before use P280: Wear protective gloves/protective clothing/eye protection/face protection P302+P352: IF ON SKIN: Wash with plenty of water P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P405: Store locked up P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment EUH205: Contains epoxy constituents. May produce an allergic reaction EUH208: Contains [(p-tolyloxy)methyl]oxirane, Bisphenol A diglycidyl ether resin. May produce an allergic reaction Substances that contribute to the classification: Bisphenol A diglycidyl ether resin; [(p-tolyloxy)methyl]oxirane

Component B



H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor P370+P378: In case of fire: Use ABC powder extinguisher to extinguish. Substances that contribute to the classification: 2,4,6-tris(dimethylaminomethyl)phenol Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine: May produce an allergic reaction. Olio di pino: May produce an allergic reaction. 3,6,9-triazaundecamethylenediamine; tetraethylenepentamine: May produce an allergic reaction. 3,6-diazaoctanethylenediamin; triethylenetetramine: May produce an allergic reaction.

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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