

UNI-EPOXY PRIMER

two-pack epoxy primer

- strong adhesion
- extreme chemical and mechanical resistance
- great filling capacity

High-quality two-pack epoxy primer for the protection of particularly demanding surfaces. Ideal undercoat for a long-lasting painting system when combined with POLYGLOSS, TROPICAL, ANTISKID, POOLGLOSS, MONOTRETEN products. Due to its formulation, levels out any irregularities on the substrate. Easy to apply and quick-drying. Ideal for interior/exterior wood, aluminum, polyester or cement.

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|------------------------------------|--|
| COVERAGE | 12±2m ² /L |
| FINISH | SEMI-MATT |
| THINNING | 10-20% THINNER 125 |
| DRYING TIMES | 2 hours* |
| RECOATING TIMES | 6-8 hours* |
| RECOMMENDED NUMBER OF COATS | 1-2 coats |
| TOOLS | roller, brush or airless paint sprayer |

* Lower temperatures or higher relative humidity will prolong drying and recoating times.



TECHNICAL CHARACTERISTICS

| TYPE | EPOXY RESIN | |
|--|--|------------------------------|
| SPECIFIC GRAVITY (A+B) | WHITE | 1.30 ±0.03gr/cm ³ |
| SOLIDS w/w (ISO 3251-03) | | 70±2 % * |
| SOLIDS w/v (ISO 3233-98) | | 52±3 % * |
| VISCOSITY (A+B) (DIN 53211-70/4mm @ 20°C) | | 60±5 sec * |
| APPLICATION VISCOSITY (DIN 53211-70/4mm @ 20°C) | | 35±5 sec * |
| MIX RATIO BY WEIGHT | 5 parts of component A and 1 part of component B | |
| MIX RATIO BY VOLUME | 3 parts of component A and 1 part of component B | |
| HIDING POWER (ISO 3905) | 90% 150µm wet film** | |
| GLOSS (85°) (ISO 2813-99) | 4,5±1 * | |
| GLOSS (60°) (ISO 2813-99) | 2,5±1 * | |
| RECOMMENDED DRY FILM THICKNESS | 100µm (±10µm) / 2 coats | |
| HARDNESS (König) (ISO 1522-00) | 120±15 sec , 7 days | |
| APPLICATION TEMPERATURE | min 5°C -max 30°C | |

REGULATION 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/j: two-pack reactive performance coatings for specific end-use such as floors): 500 g/L (2010). This product (A+B mixed) contains max: 499 g/L VOC.

SURFACE PREPARATION

Carefully prepare surface to obtain good results. Remove all weathered coatings, rust and oils. Sand surface smooth and remove sanding residue with a rag.

▶ **New polyester:**

Degreasing new polyester is of utmost importance. Please follow the proposed procedure: Wash surface with warm water and soap (detergent). Rinse well, allow to dry and clean using a thinner. Sand surface smooth and remove sanding residue with a whisk and a thinner soaked rag. The surface is now ready to be painted. Any other surface preparation method could trap grease inside the surface thus, rendering painting impossible. Prime with UNI-EPOXY PRIMER, 1-2 coats.

▶ **New plaster, concrete, brick, cement :**

Apply POLACRYL 301 until surface saturation is achieved. Prime with UNI-EPOXY PRIMER, 1-2 coats.

▶ **New wood:**

Apply POLACRYL 301 until surface saturation is achieved. Prime with UNI-EPOXY PRIMER, 1-2 coats.

▶ **Bare aluminum:**

Prime with UNI-EPOXY PRIMER, 1-2 coats.

▶ **Recoated old surfaces:**

Sand surface smooth. Apply 1-2 coats of UNI-EPOXY PRIMER.

- ▶ Adequate ventilation must be ensured due to the hazardous fumes generated during paint application.
- ▶ Mix ratio for UNI-EPOXY PRIMER:

| | | |
|-----------|-------------------|----------------------------|
| BY VOLUME | 3 parts 1 part | component A component B |
| BY WEIGHT | 5 parts 1 part | component A component B |

- ▶ Allow UNI-EPOXY PRIMER to dry. Sand surface smooth and remove sanding residue. Then, paint with the top coat of your choice

USEFUL INFORMATION

- ▶ If more than 24 hours elapse after application of UNI-EPOXY PRIMER, it is best to sand the surface lightly before application of the top coat.
- ▶ Lower temperatures or higher relative humidity will prolong drying and recoating times, shortened in the opposite case.
- ▶ New plaster or concrete are best to be coated after 28 days.

PACKAGING

- ▶ Available in White. Containers of 750ml and 2.5L.

STORAGE

2 years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean immediately after use with THINNER 125 or with any nitro or polyurethane thinner. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.

INTENDED USE

| | |
|---|------------------|
|  | POLYESTER |
|  | CONCRETE/ CEMENT |
|  | WOOD |
|  | ALUMINUM |

APPLICATION

- ▶ Stir well component A before use to achieve homogeneity. Then, add component B progressively while constantly stirring.
- ▶ Make sure your tool has the adequate quantity of paint to cover an entire section. This practice should be strictly followed to obtain optimum results.
- ▶ Sand surface smooth with the right sandpaper for the task before painting.
- ▶ To prevent bubble forming during application, work in an area protected against direct sunlight if possible.
- ▶ Do not apply when ambient temperature and surface temperature is below 10°C, above 35°C and when relative humidity is above 70%.

TECHNICAL DATA SHEET

EDITION: FEBRUARY 2020
G870 | **UNI-EPOXY PRIMER**
REPLACES ALL EARLIER VERSIONS

SPECIAL
COATINGS

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