



Mila Protect

Corex Gloss

PRODUCT TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

A water-based polyurethane premium topcoat varnish that preserves the natural texture of the surface and provides long-lasting protection with an invisible effect.

PRODUCT DETAILS

Mila Protect Corex Gloss is a water-based polyurethane premium topcoat varnish that preserves the natural texture of the surface and provides long-lasting protection with an invisible effect. A glossy, water-based polyurethane protective topcoat. Applied by the Mila application team with a roller or brush in two coats after mixing components A and B. With the expertise of the Mila application team, it delivers a durable, aesthetically lasting result on every surface. Areas of use: on interior and exterior surfaces, on floors and walls.

FEATURES

- **Water-based polyurethane durability:** Its two-component polyurethane structure provides high mechanical and chemical resistance.
- **Gloss and colour vibrancy:** Adds gloss to the surface, increasing the vibrancy and depth of the colour.
- **Long service life on floors and walls:** Its abrasion-resistant structure offers long-lasting protection even on floors.

AREAS OF USE

- Used on interior and exterior surfaces, on floors and walls, as a protective topcoat for decorative coatings.
- The surface must be clean, dry and fully cured.
- For professional and industrial use only; not suitable for DIY applications.

APPLICATION

Mixing: Components A and B are mixed at the ratio given in the instructions.

Application method: Applied with a roller or brush in two coats.

Application conditions: Work between +5°C and +35°C; the mixture must be used within its pot life.

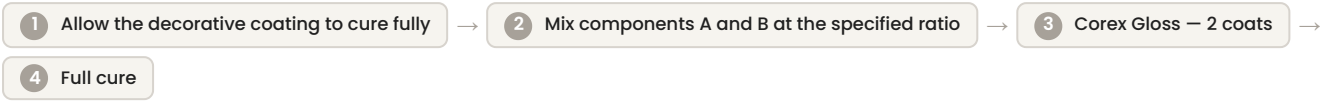
SURFACE / TEXTURE

A glossy, water-based polyurethane protective topcoat.

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Technical Reference

APPLICATION SYSTEM



TECHNICAL DATA

Appearance / form	Liquid (A+B mix)
Colour	Transparent
Finish / gloss	Gloss (transparent, 2K PU)
pH	7 – 9
Density	1.00 – 1.10 g/cm³
Solid content	~30 – 45 %
Viscosity	Medium
Flash point	Not applicable (water-based)
Flammability	Non-flammable

COVERAGE

5.83–8.33 m²/kg

Coverage varies by surface smoothness/absorbency, primer performance, application thickness and the targeted surface character.

DRYING TIME

- Surface Drying: 1–3 hours (depending on ambient conditions)
- Full Cure: 24–72 hours (depending on product type and application thickness)

PACKAGING

3 kg, 6 kg

STORAGE

Shelf life is 2 years when stored unopened in its original packaging, in a cool, dry place away from direct sunlight (+5°C to +35°C). Component B (hardener) is moisture-sensitive; its container must be closed tightly after use and must not be left open.

CLIMATE & REGIONAL GUIDANCE

- Cool / humid or coastal air (high RH): cure and recoat times lengthen — extend intervals, confirm the substrate is dry (< 5 %) and ventilate; do not apply near the dew point.
- Hot / dry inland air: the surface skins quickly — work in shade, avoid midday sun, keep a wet edge and do not over-thin.
- Temperature: apply between +5 °C and +35 °C; cooler slows cure, warmer accelerates it.

APPLICATION CONDITIONS

- Ambient & substrate temperature +5 °C to +35 °C (41–95 °F)
- Relative humidity below 80 %
- Substrate moisture below 5 %
- Do not apply in direct sun, rain, fog or strong wind; protect fresh work for 24–48 h

TOOLS

Brush · Roller

SUITABLE SUBSTRATES

- ✓ Fully cured decorative coatings and mineral surfaces
- ✓ Heavy-use floor and worktop surfaces
- ✓ Sound, clean and dry painted surfaces

NOT SUITABLE FOR

- ✗ Freshly applied, uncured coatings
- ✗ Continuously wet or water-immersed surfaces
- ✗ Oily, silicone-contaminated or dirty surfaces
- ✗ Frozen surfaces or surfaces below +5 °C

CLEANING

Clean tools with water immediately after use, while the product is still wet.

MAINTENANCE

Clean the cured surface with a soft cloth and a mild, non-abrasive detergent. Avoid aggressive solvents and abrasive pads. Allow full cure before cleaning or heavy use.

ON-SITE REPAIR & TOUCH-UP

1. Clean the damaged area; remove any loose or flaking material.
2. Feather-sand the edges; fill deeper defects with Multifiller and re-prime if bare substrate is exposed.
3. Re-apply the same product with the original tool/technique, blending outward to a natural break (corner, edge or plane change).
4. Where used, re-apply the protective topcoat over the repaired area.

Decorative finishes may show a slight variation at repair edges; blend to a natural break and keep colour/batch records for accurate matching.

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Safety & Regulatory

HAZARD STATEMENTS

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

EUH204 Contains isocyanates. May produce an allergic reaction.

PRECAUTIONARY STATEMENTS

- P261 Avoid breathing vapours/spray.
- P280 Wear protective gloves, protective clothing and eye/face protection.
- P284 In case of inadequate ventilation wear respiratory protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER (UZEM 114) or doctor.

Note: For more information, please review the product Safety Data Sheet (SDS).

This technical document is based on data obtained under standard laboratory conditions. For matters not specified herein, approval must be obtained from our technical team; otherwise our company cannot be held responsible for application errors arising from incomplete information. We reserve the right to make changes to the content. For detailed risks and precautions regarding health, safety and transport, the Safety Data Sheet (SDS) must be reviewed.



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