



Mila Exterior

Ritma

PRODUCT TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

A water-based, silicone, self-colored grooved-pattern coating developed for interior and exterior use. Requires no extra paint; available in 1 mm, 2 mm and 3 mm options.

PRODUCT DETAILS

Mila Exterior Ritma is a water-based, silicone, self-colored grooved-pattern coating developed for interior and exterior use. It requires no extra paint and offers 1 mm, 2 mm and 3 mm options. A grooved-pattern, decorative and durable surface. Applied to the surface by Mila's application team with a stainless steel trowel. The groove pattern is formed by directing a plastic trowel. The surface must be clean, dry and sound. With Mila's professional application and design service, it delivers a durable, aesthetically lasting result on every surface. Areas of use: interior and exterior facade walls. On concrete, plaster and suitably primed surfaces, in residential, housing-estate and architectural projects.

FEATURES

- **Self-colored groove pattern:** Mass-tinting offers a decorative groove texture without extra paint.
- **Characterful surface movement:** The directed groove pattern gives facades a rhythmic, modern look.
- **Silicone water-repellent durability:** Its siloxane structure protects the facade against water, dirt and weather.

AREAS OF USE

- Suitable for interior and exterior facade walls; on concrete, plaster and suitably primed surfaces.
- The surface must be dry, clean and sound; free of dust, grease and loose residues, with weak substrates consolidated beforehand.

APPLICATION

Primer: A suitable primer is applied; it balances absorbency and improves adhesion.

Application method: Applied to the surface with a stainless steel trowel.

Pattern: The groove pattern is formed by directing a plastic trowel.

Application conditions: Work between +5°C and +35°C; protect the surface from direct sun, rain and strong wind.

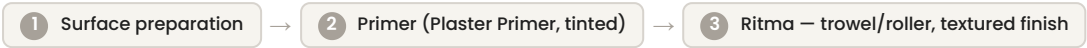
SURFACE / TEXTURE

A grooved-pattern, decorative and durable surface.

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Technical Reference

APPLICATION SYSTEM



TECHNICAL DATA

Appearance / form	Paste / textured coating
Colour	Various colours
Finish / gloss	Textured matt
pH	8 – 9
Density	1.70 – 1.90 g/cm³
Solid content	~75 – 85 %
Viscosity	High (textured)
Flash point	Not applicable (water-based)
Flammability	Non-flammable

COVERAGE

1 mm: 0.48–0.64 m²/kg · 2–3 mm: 0.40–0.56 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

5 kg, 12.5 kg, 25 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).

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.
- On facades subject to movement or thermal cycling, specify the elastomeric option (Flexa) to preserve flexibility.

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

Stainless steel trowel · Plastic trowel

SUITABLE SUBSTRATES

- ✓ Exterior & interior facades
- ✓ Concrete and exposed concrete
- ✓ Cement / lime render and plaster
- ✓ Gypsum board and gypsum plaster
- ✓ Brick and masonry

NOT SUITABLE FOR

- ✗ Horizontal, water-pooling surfaces
- ✗ Continuously wet or water-immersed surfaces
- ✗ Untreated or rusting metal (without a suitable primer)
- ✗ Chalking, friable or non-adhering surfaces (without consolidation)
- ✗ Frozen, frosty 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

The product is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP) and the Turkish SEA/KKDİK Regulation.

EUH208 Contains 2-octyl-2H-isothiazol-3-one; 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

PRECAUTIONARY STATEMENTS

- P273 Avoid release to the environment.
- P102 Keep out of reach of children.
- P501 Dispose of contents/container in accordance with local/national regulations.

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.



MİLA PROJE MAĞAZACILIK ANONİM ŞİRKETİ

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