



Mila Effects

Microsolid

PRODUCT TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Mila Effects Microsolid is a decorative coating suitable for seamless application, providing a modern, monolithic look through a continuous surface aesthetic.

PRODUCT DETAILS

Mila Effects Microsolid is a decorative coating suitable for seamless application, providing a modern, monolithic look through a continuous surface aesthetic. Fine-textured, homogeneous and seamless, with a modern, concrete-like surface character. Applied by Mila's application team using a multi-layer trowel system, finished with sanding and a protective topcoat. With Mila's application and design solutions, it delivers a durable, aesthetically lasting result on every surface. Areas of use: floors and walls, interior and exterior, on all surface-prepared substrates.

FEATURES

- **Seamless, monolithic surface architecture:** Jointless, continuous application gives spaces a cohesive, modern monolithic look.
- **High durability and dense surface:** Its multi-layer structure forms a dense, resistant and long-lasting surface on floors and walls.
- **Clean character for modern architecture:** Its fine concrete-like texture is a strong neutral base for minimal, contemporary designs.
- **Unified application on floor and wall:** Provides seamless continuity in the same aesthetic language on both horizontal and vertical surfaces.

AREAS OF USE

- Suitable for floors and walls, interior and exterior, on all surface-prepared mineral substrates.
- The surface must be dry, sound and clean; free of dust, grease and loose residues, with weak substrates consolidated beforehand.

APPLICATION

Primer: Applied after Solid Primer; balances surface absorbency and improves adhesion.

Application method: Applied with a trowel in a multi-layer system: first one coat of Microsolid (B) is applied and left to dry, then the topcoat Microsolid (S) is applied.

Sanding and protection: Sanding is done between layers; the surface is completed with a suitable protective coat.

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

SURFACE / TEXTURE

Fine-textured, homogeneous and seamless; a modern, concrete-like surface character.



Suitable for Exteriors



Impact Resistant



Washable

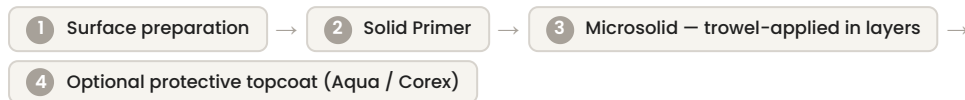


Water-Based

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Technical Reference

APPLICATION SYSTEM



TECHNICAL DATA

Appearance / form	Viscous paste (trowel-applied)
Colour	According to the colour chart
Finish / gloss	Matt
pH	8 – 9
Density	1.70 – 1.90 g/cm³
Solid content	~75 – 85 %
Viscosity	High (thixotropic)
Flash point	Not applicable (water-based)
Flammability	Non-flammable

COVERAGE

Microsolid B (first coat): 0.5 m²/kg · Microsolid S (top coat): 1 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

Microsolid B (first coat): 10 kg, 20 kg · Microsolid S (top coat): 10 kg, 20 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.

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 · Spatula · Texturing tool / comb

SUITABLE SUBSTRATES

- ✓ Concrete and exposed concrete
- ✓ Cement / lime render and plaster
- ✓ Gypsum board and gypsum plaster
- ✓ Brick and masonry
- ✓ Sound, primed previously-painted surfaces

NOT SUITABLE FOR

- ✗ 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
- ✗ Bituminous, oily or silicone-contaminated surfaces

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.

Contains: 2-methylisothiazol-3(2H)-one (MIT), 1,2-benzisothiazol-3(2H)-one (BIT)

PRECAUTIONARY STATEMENTS

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.

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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