

TECHNICAL DATA SHEET (TDS)

UNIC SINE Polisher & Crystallizer

1. PRODUCT DESCRIPTION

UNIC SINE is a professional polishing and crystallizing powder designed to restore worn calcareous stone surfaces. It produces a high-gloss, mirror-like finish with minimal equipment while enhancing the natural colour and wet-look appearance of the stone.

2. COVERAGE ESTIMATE

Approximately 800–900 sq. ft. per kg, depending on surface condition and porosity.

3. APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- Remove dirt, dust, oil and loose particles from the surface.
- Remove existing wax, epoxy and other coatings before application.
- Heavily worn surfaces with visible scratches should be restored and polished up to 3000-grit diamond pad.
- Use UNIC SINE after 3000-grit honing on freshly prepared floors.
- Clean the surface using a diluted cleaning solution and single-disc machine with a red pad. Remove residue using a wet vacuum.

4. APPLICATION

- Conduct a small patch test before full application.
- Protect adjacent areas that are not intended for treatment.
- Mix 1 part powder with 3 parts water to form a smooth slurry.
- Mix thoroughly and use immediately to prevent settling.
- Lightly dampen the floor; the surface should be damp, not wet.
- Spread the slurry over the treatment area.
- Use a 175 RPM single-disc machine, minimum 50 kg, fitted with a red pad.
- Buff for approximately 3–4 minutes per m².
- Do not allow the slurry to dry. Add small amounts of water as required to maintain a creamy consistency.
- Dilute the remaining slurry with fresh water and rinse the surface thoroughly.
- Remove residual water using a wet vacuum where possible.
- After the floor is completely dry, dry-buff using a single-disc machine fitted with a soft white pad.

5. APPLICATION AREA

Suitable for calcareous stones, including:

- Marble
- Polished limestone
- Travertine
- Terrazzo

6. STORAGE & SHELF LIFE

Shelf life: approximately 24 months from the date of manufacture when stored in the original sealed container under cool and dry conditions.

7. TECHNICAL INFORMATION

Property	Specification
Appearance	: Yellowish-White Powder
Odour	: Mild
Density	: 1.24 ± 0.10 g/cm ³
pH	: 2–3

8. CAUTION

- Use only on suitable calcareous stone.
- Black marble requires additional care due to its sensitivity after polishing.
- Extremely worn or damaged surfaces should be resurfaced before application.
- Wear suitable protective equipment during application as the product is mildly acidic.
- Always perform a patch test before full-scale application.

Manufactured For & Marketed By:

UNICSTONE

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