

## 1. PRODUCT IDENTIFICATION

<b>Product Name</b>	Reveal Stone™ — Terrazzo
<b>Product Category</b>	Polished Concrete Topping — Decorative Overlay
<b>Product Code</b>	LCORE-RS-TZ
<b>Manufacturer</b>	Levelcore Industries
<b>Address</b>	46 Buckingham Dr, Wangara WA 6065, Australia
<b>Website</b>	levelcore.com.au
<b>Intended Use</b>	High-performance indoor decorative polished concrete topping. Pre-blended aggregate included — mix with clean water only. Delivers a classic Terrazzo finish with characteristic marble chip aesthetic. Suitable for retail, hospitality, and residential environments.
<b>Pack Size</b>	20 kg bag

## 2. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical State</b>	Powder (pre-blended cementitious)	<b>Colour / Finish</b>	Terrazzo
<b>pH (mixed)</b>	11.0 – 13.0	<b>Odour</b>	Faint cement; odourless when cured
<b>Bulk Density</b>	Approx. 1.4 – 1.6 kg/L	<b>Flash Point</b>	Not applicable (powder)
<b>Silica Content</b>	Yes — crystalline silica present (see Section 5)	<b>Aggregate</b>	Aggregate pre-blended — do not add further aggregate
<b>Mix Requirement</b>	Clean water only	<b>Flow Cone Result</b>	325 mm

## 3. COMPOSITION / KEY INGREDIENTS

CAS No.	Chemical Name	Proportion
960375-09-1	Calcium Sulfoaluminate Cement	30 – 60%
14808-60-7	Silica Sand (Crystalline Silica)	30 – 70%
1317-65-3	Aggregate / Calcium Carbonate	10 – 20%
24937-78-8	VA/E Copolymer	1 – 5%

## 4. TECHNICAL DATA

<b>Water Addition</b>	3.2 L per 20 kg bag (16% of powder mass)	<b>Mixing Time</b>	2 – 3 minutes (mechanical paddle mixer)
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# Reveal Stone™ — Terrazzo

MATERIALS DATA SHEET

# LEVELCORE

PRECISION UNDERFOOT

<b>Min. Thickness — Sealing</b>	6 mm	<b>Min. Thickness — Polishing</b>	9.5 mm
<b>Total Thickness Range</b>	6 mm – 50 mm	<b>Min. Application Temp.</b>	≥10°C (ambient and substrate)
<b>Underfloor Heating</b>	Switch off 48 hrs before; do not activate for 48 hrs after	<b>Required Primer</b>	PrimeShield (Levelcore) — mandatory on all substrates
<b>Surface Profile Required</b>	CSP 3 – 5 (concrete substrates)	<b>Densification</b>	Apply LithiShield™ during polishing sequence

## 5. SPECIFICATION SNAPSHOT (from levelcore.com.au)

<b>System</b>	Levelcore™ polishable cementitious topping	<b>Typical Installed Thickness</b>	10 – 15 mm (project specific; thicker builds available)
<b>Finish Levels</b>	Matte, satin, or high gloss	<b>Colouring</b>	Natural mineral / variant-specific
<b>Detailing Options</b>	Saw-cuts, borders, logos; optional decorative aggregate seeding	<b>Slip Performance</b>	Adjustable with finish profile and guard coat
<b>UFH Compatible</b>	Yes — confirm system and temperature limits	<b>Maintenance</b>	Dry dust mop + pH-neutral cleaner; periodic burnish/repolish as needed

## 6. HEALTH, SAFETY & REGULATORY SUMMARY

⚠️ **CRYSTALLINE SILICA:** Inhalation of respirable crystalline silica dust during mixing, grinding, or polishing is classified as a respiratory carcinogen (IARC Group 1). Use P2 respirator or better. Wet polishing preferred. Employer silica risk management plan required under WHS Regulations.

<b>GHS Classification</b>	Not classified as dangerous goods; crystalline silica present
<b>Key Hazard</b>	Crystalline silica inhalation; wet alkaline material skin contact
<b>Dangerous Goods (ADG)</b>	Not regulated
<b>PPE — Respiratory</b>	P2 dust mask minimum; half-face respirator for grinding/polishing
<b>PPE — Skin</b>	Chemical-resistant gloves; knee pads; long sleeves and trousers
<b>PPE — Eyes</b>	Safety glasses or face shield during mixing and mechanical operations
<b>WHS Obligation</b>	Silica Risk Management Plan required; refer to Safe Work Australia guidance
<b>Disposal</b>	Cured material: inert construction waste. Wet waste: do not discharge to drains

## 7. STORAGE, SHELF LIFE & WARRANTY

<b>Storage Conditions</b>	Dry, well-ventilated; off ground; sealed bag; away from moisture
<b>Shelf Life</b>	12 months from production date (sealed, undamaged packaging)
<b>After Opening</b>	Reseal immediately; use within project duration

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PRECISION UNDERFOOT

<b>Warranty</b>	10-Year System Warranty eligible when installed by Levelcore Accredited Installer with full Levelcore system
<b>Warranty Contact</b>	warranty@levelcore.com.au   1800 717 398

★ 10-YEAR SYSTEM WARRANTY ELIGIBLE ★

*This MDS summarises data from the Reveal Stone™ Terrazzo TDS, SDS, and levelcore.com.au. Always refer to the current TDS and SDS for full application and safety requirements. © 2025 Levelcore Industries.*