INCISE
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INCISE Patio

TECHNICAL DATA SHEET

Textured cement-based microcement for outdoor floors

IU-TDS-PAT-001 | Revision 01 | 07 November 2026

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November 2026

SYSTEM OVERVIEW

A textured, cement-based microcement finish for outdoor floors. Two trowelled coats carry the same mineral surface from a covered verandah to an open patio, walkway or pool surround.

Suitable for patios, verandahs, driveways, walkways and pool surrounds. Textures range from a fine trowelled grain to a more pronounced decorative relief. A third coat can carry a stencil or texture detail where specified.

Property	Value
Manufacturer	INCISE Uganda Limited
Product code	INCISE-PAT-001
Document / IMS code	IU-TDS-PAT-001 | Revision 01 | 07 November 2026
Application guide	IU-AG-PAT-001
Use	Exterior floors on suitable concrete or cementitious screed.
Total thickness	3–5 mm for the finished Patio system.
Standard sequence	Prepared substrate; Concrete Floor / Epoxy Primer; first Patio coat; second Patio coat; optional texture coat; selected sealer.

DESIGN CONSIDERATIONS

Slope the structural substrate to drain. For pool surrounds, assess the wet traction of the selected texture and sealer. For driveways, verify the supporting slab and service conditions. Patio is a decorative wearing surface; roof waterproofing and pool lining require separate systems.

MIXING AND YIELD

Property	Value
Packaging	Patio dry mix: 25 kg bucket. INCISE Polymer: 20 L pack.
Polymer : dry Patio	Mix by weight: 1 kg INCISE Polymer to 1.5 kg dry Patio. For a 25 kg Patio bucket, weigh approximately 16.67 kg polymer. Polymer is supplied in 20 L packs; weigh the liquid rather than treating litres as kilograms.
Pigment	Optional. Disperse into polymer and maintain the approved dose across batches.
Coverage	Based on 20 kg of dry Patio: the first coat covers 15–20 m² (1.00–1.33 kg/m²); the second covers 20–23 m² (0.87–1.00 kg/m²). A 25 kg bucket yields about 18.75–25 m² on coat one or 25–28.75 m² on coat two, before wastage. Allow extra for any third coat.
Optional coat	Additional material; establish yield with the specified stencil or texture.
Sanding	100–120 grit on the first coat when sufficiently dry.

EQUIPMENT

Floor grinder with dust extraction, moisture meter, vacuum, clean pails, calibrated batch measures, slow-speed paddle mixer, stainless-steel trowels, 100–120 grit abrasives, short-nap roller and tray. Use appropriate eye, skin and dust protection.

WORKING CONDITIONS

Arrange shade and protection from direct sun, wind and rain. Keep joints and drains clear. Use the current primer and sealer instructions for their application windows and moisture limits. Do not add unmeasured water to recover a stiff batch.

SUBSTRATE, PRIMER AND FIRST COAT

PREPARE THE OUTDOOR FLOOR

Start with sound concrete or a cementitious screed of at least 25 MPa, cured for at least 28 days. Check falls, drainage, perimeter details and joints before coating. At driveways, confirm that the slab is designed for the intended vehicle loads.

Remove weak material, laitance and contaminants mechanically; vacuum thoroughly. Repair stable cracks and defects with the specified compatible repair system. Reflect movement joints through the finish. Resolve leaks and rising damp before priming.

PRIME THE PREPARED SURFACE

Apply INCISE Concrete Floor Primer / Epoxy Primer evenly to the clean floor using the primer's component ratio and application instructions.

Where specified for the floor system, broadcast quartz into the wet primer to form a key. Once the primer has cured, remove all loose quartz and vacuum. Avoid bare areas and pools of resin.

MIX POLYMER, COLOUR AND PATIO

Mix by weight: 1 kg INCISE Polymer to 1.5 kg dry Patio. For a 25 kg Patio bucket, weigh approximately 16.67 kg polymer. Polymer is supplied in 20 L packs; weigh the liquid rather than treating litres as kilograms.

Where colour is required, disperse the approved INCISE pigment in the polymer first. Add the measured dry material gradually and mix until uniform. Use the approved sample to control colour; record the dose and repeat it across adjoining areas.

TROWEL THE FIRST COAT

Spread the first Patio coat evenly over the primed floor. Keep the trowel angle consistent, control ridges at overlaps and maintain the designed falls. Work to a planned joint or edge.

First-coat coverage is approximately 15–20 m² per 20 kg of dry Patio. A rough or uneven base uses more material. Do not use the decorative coats to correct drainage or major level differences.

TEXTURE, SEALING AND HANDOVER

SAND THE FIRST COAT

When the first coat is sufficiently firm and dry, sand with 100–120 grit to remove ridges and high spots. Stop if the abrasive smears or tears the material.

Use dust extraction and vacuum the entire floor, including corners and joint edges. Avoid sanding through to the primer. No fixed intercoat time is assumed: assess the coat under actual site conditions.

BUILD A UNIFORM SECOND COAT

Mix and apply the second coat in the same way as the first. Work from a consistent edge. Match trowel pressure, direction and material spread to the approved texture sample.

Second-coat coverage is approximately 20–23 m² per 20 kg of dry Patio. Review adjoining areas in raking light before the coat sets; avoid abrupt changes in texture or prominent lap marks.

ADD A THIRD COAT ONLY IF NEEDED

Use a third coat only where the approved design needs more texture or a stencil detail. Once the preceding coat is ready for recoating, repeat the same mixing and controlled trowelling method.

Approve the stencil or texture on a sample first. Check the overall finished system thickness: 3–5 mm in total, including any optional third coat. Do not leave sharp ridges at a walking surface.

CURE, SEAL AND PROTECT

Allow at least 24 hours after the final Patio coat before applying sealer. If an optional third coat was applied, count from that coat. Protect the floor from rain, direct sun and contamination.

When sufficiently dry for the selected sealer, apply INCISE UltraGuard, PU WB Sealer or RapidShield in thin, even coats. Follow its mixing, recoat and exposure instructions. Allow seven days for full cure. Release for vehicles, washing or pool splash only when the complete system meets the relevant service requirements.

CURE AND SERVICE CONDITIONS

Property	Value
Final coat to sealer	Minimum 24 hours; longer if moisture or site conditions require.
Full cure	Allow seven days; observe the selected sealer's own restrictions before heavy traffic or water exposure.
Sealer selection	INCISE UltraGuard, PU WB Sealer or RapidShield. Select for traffic, wet exposure, sheen and traction.

CARE

Remove loose grit, wipe spills promptly and clean with a mild compatible cleaner. Protect furniture contact points. Consult INCISE before recoating damaged sealer.

STORAGE AND HANDLING

Keep dry Patio sealed, dry and off the ground. Store polymer, primer and sealer in their original labelled packs according to their component instructions.

SAFETY

Control dust when mixing, grinding and sanding. Use suitable extraction, eye protection, gloves and respiratory protection. Consult the current product and component safety data sheets.

TECHNICAL SUPPORT

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