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INCISE UltraGuard™

TECHNICAL DATA SHEET

High Resistance Acrylic Topcoat for Decorative & Industrial Surfaces

Solvent-Based | 3-Component | Professional Use

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PRODUCT OVERVIEW

INCISE UltraGuard™ is a three-component, solvent-based acrylic protective sealer designed to provide high abrasion resistance, chemical durability, and long-term surface protection.

Developed specifically for INCISE decorative systems, it delivers a durable, clear protective film over:

- Microcement systems
- Concrete floors
- Terrazzo
- Timber / Wood surfaces

It enhances surface longevity while maintaining aesthetic clarity and depth.

PRODUCT FEATURES

- High abrasion resistance
- Excellent adhesion to mineral and timber substrates
- Good chemical resistance (cleaning agents, mild acids/alkalis)
- UV stable for interior and sheltered exterior use
- Clear, non-yellowing finish
- Professional-grade performance

TECHNICAL DATA

Property	Value
Type	3K Solvent-Based Acrylic
Mixing Ratio	2 : 1 (Resin : Hardener)
Packaging	4L Resin + 2L Hardener (6L Kit) & 1L Urethane
Finish	Clear (Matt / Satin / Gloss – specify)
Solids Content	~50–60% (approx.)
Pot Life	2–3 hours @ 23°C
Touch Dry	3–4 hours
Recoating Time	6–12 hours
Light Foot Traffic	24 hours
Full Cure	5–7 days
Coverage	8–12 m² per liter per coat (depending on substrate)
Application Temperature	10°C – 30°C
VOC	Solvent-based (ensure ventilation)

MIXING INSTRUCTIONS

1. Pre-stir Component A (Resin).
2. Add Component B (Hardener) at a ratio of 2 parts Resin to 1-part Hardener by volume.
3. Mix thoroughly for 2–3 minutes using a slow-speed mixer.
4. Allow mixture to stand for 2–3 minutes before application.
5. Use within stated pot life.

Do not dilute unless approved by technical department.

SURFACE PREPARATION

Microcement

• Surface must be fully cured (minimum 5–7 days).

• Sand lightly (180–220 grit) to remove imperfections.

• Ensure surface is clean, dry, dust-free.

• Apply only after final sanding and vacuuming.

Concrete

• Minimum 28-day cure for new concrete.

• Moisture content <4%.

• Mechanically grind to open pores.

• Remove laitance, oils, curing compounds.

Terrazzo

• Surface must be polished to desired level.

• Ensure surface is dry and dust-free.

• Light sanding may be required for adhesion.

Wood

• Sand smooth (120–180 grit).

• Remove dust completely.

• Wood moisture content below 12%.

• Prime if required depending on timber type.

APPLICATION METHOD

• Apply using short-nap roller, microfiber roller, or airless spray.

• Apply thin, even coats.

• Avoid over-rolling.

• Recommended: 2 coats minimum.

• For high-traffic areas: 3 coats recommended.

RECOATING

• Recoat after 6–12 hours.

• If more than 24 hours passes between coats:

o Lightly sand (220 grit).

o Remove dust before recoating.

LIMITATIONS

• Not suitable for rising damp substrates.

• Do not apply in high humidity (>80%).

• Avoid direct rain exposure within first 24 hours.

• Not recommended for permanent water immersion.

• Professional application recommended.

MAINTENANCE

• Clean with pH-neutral cleaners.

• Avoid abrasive pads.

• Avoid harsh solvents.

• Re-sealing may be required in high-wear environments after several years.

Mixing Ratio

2 Parts Resin : 1 Part Hardener

Coverage

Approx. 8–12 m² per litre per coat.

Application

Apply 2–3 coats using roller or spray. Recoat after 6–12 hours.

Safety

Flammable liquid. Use only in well-ventilated areas. Wear protective gloves and eye protection. Keep away from heat, sparks, open flames. Refer to Safety Data Sheet before use.

Storage

Store in cool, dry place. Keep containers tightly closed.

Product page

https://incise.ug/ultra-guard

Shop page

https://incise.ug/shop/incise-ultraguard-496#attr=257,397,416