



QUICSEAL 108

SuperSeal

Description

QUICSEAL 108 is a colourless Aliphatic Polyurethane, high solids coating for ceramic tiles, natural stones, concrete, masonry and brickwork surfaces for both internal and external applications. It comprises of a special blend of selected resins, which waterproofs and improves substrate and finished surfaces against weathering, abrasion and water seepage.

Uses

- For protection of wood, stones, marble, granites, concrete, glass, polycarbonate, ceramics, etc.
- As a clear waterproofing coating on tile finishes for balconies, lobbies, toilets, bathrooms, etc.
- For prevention of glass fragments against shattering.
- For finishing over concrete or synthetic coatings.

Advantages

- Waterproofing properties
- Easy application: One component
- It produces transparent film, no yellowing
- Highly hydrolysis resistance
- Good Chemical resistance
- Provides high elasticity and flexibility
- Cost and time saving

Technical Data

Product Type	QUICSEAL108M	QUICSEAL108G
Finishing	Matt	Gloss
Tack Free Time (hrs)	> 7	
Service Temperature (°C)	-40 to 90	
Intercoat Interval (hrs)	6 – 18 hours	
Light Pedestrian Traffic Time (hrs)	> 24	
Elongation at Break (ISO 527) (%)	> 250%	
Shore D Hardness (ASTM D2240)	25	

Surface Preparation

New concrete floors shall be cured for a minimum of 28 days and moisture content of substrate shall not be higher than 5%. The substrate shall be clean and sound, free of dust and loose particles. Laitance, oil, grease, mould release agents or curing compound shall be removed from concrete surfaces by using shot-blasting, scabblers or other mechanical means. The tensile strength of the substrate shall be at least 1.5MPa and Compressive Strength at least 25MPa. Existing cracks should be repaired with QUICSEAL 304 Epoxy Putty or QUICSEAL 514 Repair Mortar prior to application of QUICSEAL 108.

NB : Ensure that the substrate is dry before application.

Priming

For application over non porous substrate, prime substrate with QUICSEAL 134 at a coverage of 0.03 – 0.08kg/m². Apply QUICSEAL 108 over the primed surface within 30 – 60 minutes.

Application

Apply QUICSEAL 108 evenly by brush, mohair roller, squeegee or non-atomising spray at a coverage of 0.3 – 0.5kg/m² per coat. Where necessary, additional coats can be applied to achieve desired performance.

Avoid over-treating as this will contribute to a glazed effect on the treated surface.

To improve adhesion, a tile primer can be used to prime the tile surface prior to application of QUICSEAL 108.

Packing & Coverage

	QUICSEAL 108M	QUICSEAL 108G
Pack size:	1 & 20 kg per tin	1 & 20 kg per tin
Approximate coverage:	0.2 ~ 0.5kg/m ² per coat	0.3 ~ 0.5kg/m ² per coat

Note: Consumption of material may vary depending on the types of substrates.

Storage

The shelf life of QUICSEAL 108 is 6 months when stored unopened in a cool and dry place.

Cleaning

Clean all brushes and tools with solvent immediately after use.

Health & Safety

Gloves and facemask should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Use in well ventilated environment.

Important Notes

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for used by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact QUICSEAL

Reference No. 108/220520

ARDEX-QUICSEAL SINGAPORE PTE. LTD.
www.ardex-quicseal.com