



QUICSEAL 102ECO

Purflex

Single component - ready to use

Can be applied by brush, roller or spray

Quick drying

Elastomeric seamless membrane

Able to bridge cracks

Can be painted over with good quality acrylic paint

Water-based formulation – Environmentally friendly



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QUICSEAL 102ECO

Purflex

DESCRIPTION

QUICSEAL 102ECO is a single component, ready-to-use, Acrylic-polyurethane liquid applied waterproof membrane. QUICSEAL 102ECO comprises of special blend of copolymers and additives to provide an excellent seamless, elastomeric and quick-drying waterproofing membrane.

USES

QUICSEAL 102ECO is suitable for waterproofing (concealed) applications for the following areas:

- Kitchens, toilets, balconies, lift pit, etc
- Waterproofing on dry wall in wet areas, e.g, gypsum and cement board etc.
- Walkways, terraces, planter boxes
- Precast gable end walls
- RC flat and roof terrace in built-up roofing systems (concealed applications)

TECHNICAL DATA

Standards & Specifications	Acrylic-polyurethane high solids prepolymer
Product Type	Water based
Colour	Grey
Density	1.10 ± 0.06 g/ml
Recoat Time	2 hours
Hardness (Shore A)	> 40
Tensile Strength	> 2.0 N/mm ²
Percentage Elongation ASTM D2240	> 500%
Water Vapour Transmission ASTM D-412	< 30 g/m ² /24 hrs
Adhesion to Concrete ASTM D-412	> 1.2 N/mm ²
Hydrostatic Pressure Resistance ASTM E96	No water penetration @ 0.2 bar

Crack Bridging ASTM D-4541 DIN 1048: Pt 5 ASTM C836	No cracks @ 2mm (10 cycles)
Application Temperature Conditions	5 - 35°C
Tack Free Time @ 30°C, 65% RH	Approximately 2 hours
Chemical properties	Good resistance against acidic and basic solutions (0.5%), detergents, seawater and oils

SURFACE PREPARATION

The substrates must be clean and sound, free of dust and loose particles. Remove laitance, oil, grease, mould release agents or any foreign contaminants which may inhibit adhesion from substrate by using wire brush, scabber or other approved means. Where moss, algae or similar growths have occurred, treatment with suitable chemicals should be carried after the initial cleaning process followed by further washing.

It is recommended that a cement & sand fillet be formed at all corners to receive the waterproofing membrane.

APPLICATION

Stir QUICSEAL 102ECO manually before application. For horizontal and vertical surfaces, a roller, brush or spray gun, may be used to apply the membrane. Care must be taken to ensure that air is not entrapped in the membrane.

Pre-treat QUICSEAL 102ECO on all corners, upturns and pipe penetrations with a brush followed by application to the general areas and allow to dry. Allow membrane to dry for approximately 2 hours before application of the second coat.

Apply the 2nd coat at right angles to the last coat of waterproofing membrane, allow it to cure for 24 hours before proceeding to conduct any flooding test.

PACKING

Pack size: 24 kg pail

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COVERAGE

1.3 - 1.5kg/m²/2 coats

Wet film thickness/coat: 1.2 ± 0.1mm

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CLEANING

Due to high adhesion strength of this product even on metals, it is advisable to wash tools with water before the product sets. After setting, cleaning can only be achieved by mechanical means.

Reference No: QS 102ECO/271221 T

STORAGE

The shelf life of QUICSEAL 102ECO is 12 months when stored unopened in a cool and dry place.

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 use 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 ARDEX-QUICSEAL

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