



# QUICSEAL 124

Quickote

## Description

QUICSEAL 124 is a single component, ready-to-use, liquid applied waterproof membrane. QUICSEAL 124 comprises of special blend of copolymers and additives to provide an excellent seamless, elastomeric and quick-drying waterproofing membrane.

## Uses

QUICSEAL 124 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 with the use of QUICSEAL 133 Primer)

## Advantages

- 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

## Technical Data

PROPERTIES	SPECIFICATION	TEST RESULTS
<b>Product Type</b>	Water-Based	Water-Based
<b>Resistance to Water Penetration</b> <b>0.2 kg/cm<sup>2</sup> for 6 hours</b> (DIN 1048 Pt 5:1991)	No penetration (Depth of penetration should be 0mm)	0 mm
<b>Adhesion to Substrate after 3 days cure</b> a) Condition as at cast b) Water Immersion (ASTM D 4541:2009)	≥ 0.2 N/mm <sup>2</sup> ≥ 0.2 N/mm <sup>2</sup>	0.59 N/mm <sup>2</sup> 0.47 N/mm <sup>2</sup>
<b>Tensile Strength after 3 days cure</b> a) Before Ageing b) After Ageing at 50°C, 14 days c) After chemicals immersion for 72 hrs/RT (ASTM D 412:2006 ae 2)	≥ 1.5 N/mm <sup>2</sup> ≥ 1.0 N/mm <sup>2</sup> ≥ 1.0 N/mm <sup>2</sup>	1.87 N/mm <sup>2</sup> 2.80 N/mm <sup>2</sup> 1.58 N/mm <sup>2</sup> – 1.79 N/mm <sup>2</sup>
<b>Elongation at Break after 3 days cure</b> a) Before Ageing b) After Ageing at 50°C, 14 days c) After chemicals immersion for 72 hrs/RT (ASTM D 412:2006 ae 2)	≥ 150% ≥ 120% ≥ 120%	201% 194% 186% - 222%
<b>Crack Bridging</b> (ASTM C836/C836M: 2012)	1) No cracking at 2 mm width 2) No cracks after 10 cycles of stretching and closing to a width of 1mm	No cracks No cracks
<b>Hardness (Shore A) after 2 hours cure</b> (ASTM D 2240:2005)	≥ 40	> 49
<b>Volatile Content</b> (TGA)	<50%	< 40%



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<b>Set-to-touch</b> (ASTM D 1640:2003)	should touch dry within 60 minutes	< 60 minutes
<b>Density</b>	1.30 ± 0.03 g/ml	1.30 g/ml
<b>Recommended Dry Film Thickness</b>	0.5 mm (at 2 coats)	0.5 mm (at 2 coats)
<b>Flash Point</b>	Non-flammable (water-based)	Non-flammable (water-based)

### 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, scabblers 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 124 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 124 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 45 minutes before application of the second coat.

After applying the 2<sup>nd</sup> coat of waterproofing membrane, allow it to cure for 4 hours before laying the screed.

### Packing

Pack size : 5 kg pail and 20 kg pail  
 Coverage : 0.4kg/m<sup>2</sup>/coat  
 Wet film thickness/ coat : 0.4 ± 0.1mm

### 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.

### Storage

The shelf life of QUICSEAL 124 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 QUICSEAL.

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