



# QUICSEAL 100

Product Name

## Elastoflex

### Description

QUICSEAL 100 Elastoflex is a single component, Styrene Butadiene Styrene (SBS) polymer based, high performance liquid applied flexible waterproofing membrane.

QUICSEAL 100 can be roller or brush applied direct from the can, without mixing or heating and dries to form an extremely elastic waterproofing membrane.

### Uses

- Waterproofing & tanking of structures to provide an impervious treatment for concrete and brick foundations, lift pit, planter box, retaining walls and bridge abutments;
- Waterproofing of reinforced concrete roof as conventional sandwich membrane;
- As a horizontal damp-proof membrane in solid floor construction;
- As an effective barrier against aggressive soils and soluble salts;

### Advantages

- Seamless
- Excellent elastic properties
- Single component – easily applied by brush direct from the can
- Excellent adhesion – adheres to most building horizontal and vertical surfaces including concrete, felt, and metal
- Good chemical resistance – provides an effective barrier against moisture and protects against aggressive soils and soluble salts.

### Surface Preparation

The substrates must dry, clean and sound, free of dust and loose particles. Laitance, oil, grease, mould release agents or curing compound must be removed from concrete surfaces by using wire brush, scabber or other means. Blockwork should be smooth rendered and brickwork flush pointed.

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

### Application

Apply two coats of QUICSEAL 100 by roller or brush to obtain a continuous, unbroken film. Allow the first coat to fully dry prior to application of the second coat. Protect QUICSEAL 100 from mechanical damage during subsequent construction work or backfilling.

### Packing & Coverage

Pack Size : 20 and 200 ltr containers  
Coverage : 0.75 ltr/m<sup>2</sup>/coat

## Technical Data

Solid Content w/w	66%
Specific Gravity	1.05
Tack Free Time at 30°C	1 hour
Initial Cure Time at 30°C	12-24 hours
Full Cure at 30°C	7 days
Recoat Time	24 hours
Tensile Strength (ASTM D412)	> 2 N/mm <sup>2</sup>
Elongation at Break (ASTM D412)	1000%
Water Vapour Transmission (ASTM E96)	0.1gm/m <sup>2</sup> /hr
Crack Bridging	> 2 mm
Initial Hardness Shore A	> 60
Adhesion to concrete – direct pull	> 0.65 N/mm <sup>2</sup> (ASTM D413)
Working temperature	0 to 45°C
Service temperature	-10 to 80°C

## Precautions

QUICSEAL 100 is resistant to frost, but adhesion may be impaired if applied to frosted or frozen substrates. Do not apply if temperature falls below 5°C.

## Health & Safety

QUICSEAL 100 contains a flammable solvent. All normal precautions should be taken in both storage and use. Store in closed containers in cool, dry conditions away from sources of ignition.

## Storage

The shelf life of QUICSEAL 100 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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