

# IMPERMAX QC

Quick Cure Liquid Waterproofing Membrane

RV1 - 08/06/2012

## DESCRIPTION

Impermax QC (Quick Cure) is a single component, cold applied, high performance liquid polyurethane membrane for flat roofing applications. It cures to form a seamless waterproof membrane which does not require any additional surface coatings. Walkways or protection coats may be applied if desired.

## USE

For use as a cap sheet in a cold applied roof overlay system, or as a cold applied cap sheet in a traditional cold applied built up roofing system, in both new construction and refurbishment projects. It can also be used for podium decks and as a detailing product to complement other roofing systems.

## APPLICATION

Applied by brush or roller at the specified coverage rate per square metre. The base coat, typically in black is embedded with 225gsm fibreglass matting. The top coat typically is dark grey. Please refer to the Installation manual for detailed application guidelines and application rates.

## APPROVALS

British Board of Agrément Certificate No. 11/4836

European Technical Approval Certificate No. 06/0263

Abrasion Taber N° 10/101.729-1626



## FIRE RATING

B roof = T1 flat roof external fire exposure N° 06/32301345

Roof 20° external fire exposure N° 08/32309237

Roof 45° fire resistance N° 08/32309237

## STORAGE

Store in a clean, dry and covered area between temperatures of 5 and 25°C. Do not expose to freezing temperatures or excessive temperature changes.

# IMPERMAX QC

Liquid Waterproofing Membrane

## PRODUCT DATA

Litres	15L
Colour	Black/ Dark Grey
Flash Point	45°C
Solids Content	90%
Density	1.3g/cm <sup>2</sup> (20°C)
Shelf life:	1 year

## SYSTEM PERFORMANCE DATA

Shore Hardness	65 -70 A
Service Temperature	-50 to + 80°C
Tensile Strength <i>Impermax membrane non- reinforced</i>	7.1N/mm <sup>2</sup>
Tensile Strength <i>Reinforced Impermax membrane</i>	8.5N/mm <sup>2</sup>
Elongation <i>Impermax membrane non-reinforced</i>	421%
Elongation <i>Reinforced Impermax membrane</i>	4.8%
Abrasion	14.3mg

## MEMBRANE CURE TIME

2.5 Hours	14°C + 85%rh
4 Hours	7°C + 50%rh

## HEALTH & SAFETY

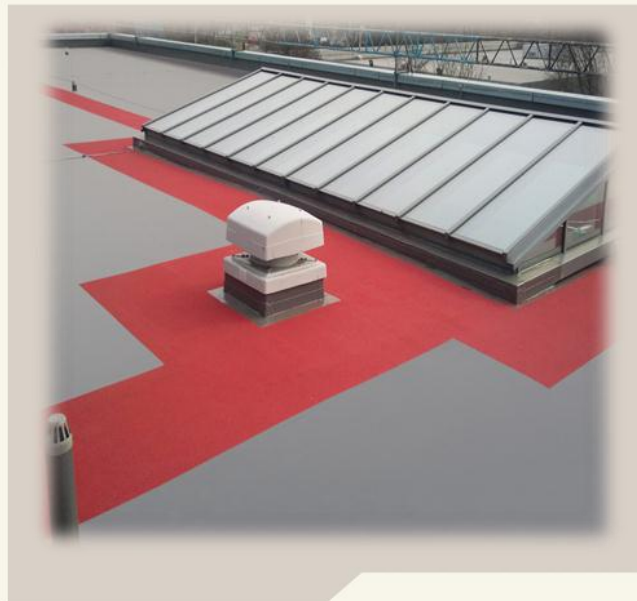
Material Safety Data Sheets are available upon request, please contact Krypton Chemicals UK.

## TECHNICAL SUPPORT

Technical advice is available from the Krypton Chemical UK Technical Service at:

Telephone: +44 (0)1283 841 805  
 Facsimile: +44 (0)1283 841 801  
 Email: [info@kryptonchemicals.co.uk](mailto:info@kryptonchemicals.co.uk)

Krypton Chemicals UK Ltd undertake continual product development and therefore all product data and information is subject to change without notice. Customer are responsible for ensuring and checking that the product is suitable for the proposed application and conditions for use are appropriate and meet the required standards.



## CHEMICAL RESISTANCE

**Permanent Contact** (0= Poor resistance, 5= Strong resistance)

Chemical	Conditions	Result
Water	24h, 25°C	5
Salt Water (Saturated)	24h, 90°C	5
Hydrochloric Acid (200g/l)	24h, 25°C	4
Sodium Hydroxide (40g/l)	24h, 25°C	5
Acetone	24h, 25°C	1
Ethyl Acetate	24h, 25°C	3
Xylene	24h, 25°C	5
Motor Oil	24h, 25°C	5
Brake Fluid	24h, 25°C	2