



# HQC MASONRY WATER REPELLENT

## 1. PRODUCT DESCRIPTION

HQC Masonry Water Repellent is based on latest technology acrylic resins and was designed to repel water whilst allowing brick and stone to breathe. It waterproofs and protects brickwork, pointing, concrete, stonework and grouting against rain, damp and frost damage. Can be easily applied by brush, roller and sprayer - only one coat required.

## 2. FEATURES / BENEFITS

- Prevents water damage
- Highly water repellent
- High scrub resistance
- Less maintenance
- Long lasting
- Can be used to protect: Brickwork, Stone, Render, Grouting, Pointing, Pebble dashing

## 3. TECHNICAL DATA

Coverage:	Up to 6 m <sup>2</sup> /l
Application temperature:	min +5°C max + 25°C.
Cure rate:	touch dry 2 hours.
Flash point:	100°C.
Storage:	Protect from extremes of temperature.
Shelf life:	18 months unopened.
Packaging:	5, 10 & 20 litre.
Shipping specification:	Not classified for transport.
Equipment Cleaning:	Use water after application.

## 4. APPLICATION

Use as supplied without thinning down.

Surfaces should be clean, dry & free from oil, grease, dust, laitance and any other deleterious materials. Do not apply in temperatures below 5°C or above 25°C and should not be subjected to extremes of temperature until completely dry.

It is important to undertake a representative test area to ensure that the product is suitable for your requirements prior to commencement of the project and assessed for final appearance, chemical resistance and wet & dry slip resistance. This is particularly important where the surface has previously been sealed.

Application is normally two coat and should ideally be by an airless sprayer but application by brush or roller is also suitable. During application care should be taken to protect adjacent areas & equipment from overspray.

The surface should be sectioned off to assist accurate coverage. Apply maintaining a wet edge but do not allow to puddle. Under normal conditions it will be touch dry within 2 - 3 hours at which time a second coat may be applied and the area will completely cure after 24 hours.

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### 5. PROPERTIES

Tensile Strength (MPa):	16.3
Elongation (%):	352
Specific Gravity (at 20°C):	0.86 - 0.88
Resin Solids Content (%):	Not exceeding 30%
Appearance:	Milky Liquid,
UVa Stable:	No
Free Isocyanate Monomer:	n/a
Rate of Cured Film Hardness (Sward):	51 (24 Hours), 64 (1 Week) @20°C
Viscosity (at 25°C mpa.s):	<20-50cPs
EEC Hazard Identification:	No significant hazard
UN Number and Shipping Class:	Not classified for transport

### 6. HEALTH & SAFETY

As with all chemicals care must be taken when handling and in use. However, this product is classified as presenting no significant hazard. Wear appropriate protective clothing. A mask of recommended type is advised when working close to the surface [e.g. when using paint brush] or working internally.

### 7. OTHER INFORMATION

This information should be used as a supplement to other information obtained to make independent judgement of suitability and to ensure proper use and protect the health and safety of employees.

Judgement as to the suitability of the information herein for the purchaser's purposes are the purchaser's responsibility. Therefore although reasonable care has been taken in the preparation of such information, Thermilate Technologies Ltd extends no warranties, makes no representations and assumes no responsibility as to the accuracy of suitability of such information for application to purchasers intended purpose or for consequences of its use.



Prepared by Thermilate Technologies Ltd

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This Product Data Sheet supersedes all other previously dated sheets for this product.