

## Aquatherm Plus

### DESCRIPTION

**Aquatherm Plus** is a one component water-based, acrylic elastomeric coating designed to provide outstanding water resistance, flexibility and thermal protection for roofing and other high performance applications. It may also be used as a protective topcoat on **SafeCoat® Latex** or **SafeCoat® Steel** when applied in one coat. It can be tinted with universal colorants. If darker colours are required the **SafeCoat® Latex** may be tinted first (see **SafeCoat® Latex** TDS tint levels).

**Aquatherm Plus** is suitable for interior and exterior applications, however, **SafeCoat® Latex** cannot be specified for exterior applications - even with the addition of a protective top coat - as that application can't be supported by valid test data. **Aquatherm Plus** alone is not a fire retardant but protects and provides fire retardant coatings with higher durability and scrubability.

### FEATURES

- Highly resistant to water.
- Resistant to cracking under high flex conditions.
- Remains flexible at low temperature.
- Bridges cracks in old stucco or concrete.

### PROPERTIES OF CURED PRODUCT

<b>Finish/Gloss</b>	Fine texture, satin
<b>Color</b>	White (can be tinted)
<b>Density</b>	1.10 g/ml
<b>Vapour Permeance:</b>	2.98
<b>Solids: by weight</b>	56%
<b>by volume</b>	48%
<b>Dry Time: Touch</b>	½ to 1 hour
<b>Re-coat</b>	1 to 2 hours
<b>Full Cure</b>	48 hours
<b>Elongation</b>	approx. 200%
<b>Tensile Strength</b>	approx. 200 psi
<b>VOC</b>	30.2 g/L

Approximate values only and should not be considered specifications. This data sheet is intended for general information only.

### AVAILABILITY

**Aquatherm Plus** is packaged in 5 US Gallon pails

### APPLICATION INSTRUCTIONS

- Can be applied to properly prepared wood, primed metal, asphalt shingles, urethane foam, cement, plaster, gypsum wallboard, and most previously painted surfaces. Bare metal must be primed with a suitable primer. Not recommended where water ponding will occur. Apply using good painting practices.
- For application over **SafeCoat® Latex**, apply by brush, roller or airless spray, one coat only at ~300 sq. ft. per gallon or 5 mils wet film thickness.
- Surface and ambient temperature must be at least 10°C during application and following 48 hours.

### STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials. DO NOT FREEZE.

### PRODUCT SAFETY

An SDS is available from Quantum Chemical.

### PRODUCT WARRANTY

Recommendations for the use of our products are based on tests carried out at government approved labs. Manufacturer and seller are not responsible for results where the product is used under conditions beyond our control. The purchaser of this product must rely on his own judgement in determining suitability for his purpose, and in applying directions as to handling and use. Quantum Chemical makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum Chemical will replace such quantity of the product proven to be defective or refund the purchase price of defective product. Labour costs and other consequential damages are hereby excluded. No representative or purported agent of Quantum Chemical has the authority to change this warranty. The information contained herein is subject to change without notice. If in doubt, contact your Quantum Chemical Representative for current Technical Data Sheets (TDS).