

# ARMORSEAL 220

## ACRYLIC WATERPROOFING MEMBRANE

### PRODUCT DESCRIPTION

**ARMORSEAL 220** is a solvent free, flexible acrylic emulsion coating designed for sealing and waterproofing of roofs, walls and other wet areas. The surface is a hard wearing and durable coating recommended for concrete, masonry, asphalt, metal and other similar surfaces. The coating is also recommended as a textured architectural finish coat for internal and external surfaces including blue board, cement sheet, brick and concrete walls. The coating can be supplied in a range of decorator color.

### ADVANTAGES

- Excellent colour retention
- Water & weather proof performance
- Excellent ultra violet light resistance
- Resistant to frost and thawing salts
- Excellent adhesion and mold/fungus resistance
- High build coating for porous and uneven surfaces
- Water vapor permeable
- Improved hardness and flexibility
- Range of colors available

### APPLICATION AREAS

- Roofs
- Anti-carbonation protection
- Weatherproofing for walls for wind rain protection
- It can be applied on Asphalt, bridges, highways etc

### APPLICATION GUIDELINE

Adequate and detailed surface preparation is essential for durability of product after installation. Before application surface must be clean, dry and without contamination. The compressive strength of concrete substrate must be at least 25MPa and cohesive bond strength must not be less than 1.5MPa.

All loose concrete, chipmings and dust should be removed, and uneven surface smoothed with the aid of grinding Stir well before using for at least 2-3 min. Apply the ARMORSEAL 220 onto the surface by roller or brush, until all surfaces is covered. A minimum of two coats of membrane are essential for permanent results. Apply coats at right angles to the prior coat.

### TECHNICAL INFORMATION

Colours	Light grey and dark grey, white. Other colours available upon request
Application temperature	5 °C to 35 °C
Chemical resistance	Resistant to gasoline, diesel spillage, weak acids and alkali
Solid content	62%
ASTM E96 Water vapour transmission	26/m <sup>2</sup> /24hr
Appearance	No blisters, cracking, chalking or color changed observed after 2,000hrs of accelerated weathering.
Fire testing BS 476 part 6 & 7	Class 1
Rapid chloride permeability AASHTO T277	Very low
Chloride ion ingress reduction @ 28 days	97%

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### COVERAGE

Approximately 0.64Lt/m<sup>2</sup> to achieve 400 microns (0.4mm) applied in a minimum of two coats.

Minimum coverage: 0.40 liter / m<sup>2</sup> to achieve 250 microns (0.25microns)

**ARMORSEAL 220** covers 30-40 sqm. ARMORSIL recommends application in 2-3 coats.

### LIMITATIONS, STORAGE & SHELF LIFE

All products should be stored in original packaging at temperatures between 5°C and 25°C. Protect products from all sources of heat, moisture, frost and direct sunlight. When opened product should be consumed immediately unless bucket can be sealed back without allowance for air. Shelf life for all products is 9 months maximum. Armorseal 220 is packed in 20kg pail

### LIMITED WARRANTY

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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