

RESICHEM 552 CSM Membrane

Resichem 552 CSM Membrane is a single pack water based high build acrylic water proof coating. The product is supplied ready to use and is ideal for waterproofing flat roofs, pitched roofs, gutters, felt and fibreglass. The product has high build properties allowing it to be applied up to 1-2 mm (1/16") thickness in one coat.

Typical applications

Flat and pitched roofs, weathered asphalt and bituminous surfaces, gutters, brickwork, fibreglass, felt and metal surfaces.

Surface Preparation

Typically Resichem CSM membrane will be applied to steel surfaces that have been primed using Resichem 506 Aluprime.

Tank Base/ Steel surfaces

For the best results all steel surfaces should be abrasive blast cleaned to SA2.5 with a 75 micron (3mil) profile. However using Resichem 506 Aluprime as the primer, CSM Membrane can be applied to surfaces with less than ideal surface preparation.

As a minimum all surfaces must be either mechanically abraded using an MBX Bristle Blaster or Hydroblasted (5000psi) to ensure all loose material is cleaned from the surface. Once dry, 2 coats of Resichem 552 CSM Membrane can be applied at a WFT of 1mm (40mil) per coat.

Fibreglass surfaces

All surfaces must be abraded using a coarse grinding pad. The surface must be free from dust and debris. Application temperature should be between 10°C-35°C (50°F-95°F). Apply 2 coats of Resichem 552 CSM Membrane at a WFT of 1mm (40mil) per coat.

Mixing and Application

Please stir the container prior to applying the product to any prepared surfaces. This product can be applied by brush, roller or squeegee.

Coverage Rates

20ltrs (5.25 US gallon) of fully mixed product will give the following coverage rates –
20m² at 1mm 215ft² at 40mil

Please note that the coverage rates quoted are theoretical and do not take into consideration the profile or condition of the surface being repaired.

Cure Times

At 20°C (68°F) the applied materials should be allowed to harden for the times indicated below before being subjected to the conditions indicated. These times will be extended at lower temperatures and reduced at higher temperatures:

Touch dry	1-2 hours
Minimum Overcoating	2-4 hours
Maximum Overcoating	Indefinite

Pack Sizes

This product is available in the following pack sizes –
20ltrs (5.25 US gallon)

Colour

Mixed material – Light Grey or White

Over-coating times

Minimum - the applied material can be over-coated as soon as it is touch dry.

Maximum - the over-coating time is 36 hours

Where the maximum over-coating time is exceeded, the material should be allowed to harden before being abraded or flash blasted to remove surface contamination.

Storage Life

2 years if unopened and stored in normal dry conditions (15-30°C)

Technical data and Performance

Volume solids	65%
Elongation ASTM D412	150%
Direct Pull Adhesion ASTM D4541	32kg/cm ² (440psi) concrete
Tensile Strength ASTM D412	39kg/cm ² 550psi
Ozone Resistance ASTM D1149	160hours/ 110ppm at 104°F No cracking

Health and Safety

Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.

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