

15 Year Waterproofing System

Resichem 552 CSM Membrane

Resichem 552 CSM Membrane is a high build water based acrylic membrane designed to give long term flexible waterproof protection to roofs, tank roofs and GRP structures.

The coating can be applied to a wide range of surfaces including mineral felt, concrete, GRP, metal and cement based sheeting. Once cured it will give a seamless, UV stable, flexible finish to any roof surface.

Features of the product include

- High build capability in a single coat
- Excellent flexibility and elongation
- Versatile application, brush, roller or spray

Benefits to the user include

- Cost effective solution
- Long term waterproofing protection
- 15 year protection on roof surfaces

Typical Applications include

- Wide range of roof surfaces,
- tank roofs, GRP Structures



Factory roof resurfaced using 552 CSM Membrane and 550 WR Membrane top coat



System application guide for 552 CSM Membrane

Application	Surface Preparation	Primer	No of coats	Application of 552 CSM Membrane	Reinforcement
Mineral felt flat roof	Cut out and repair damaged/blistered areas. Remove all loose chippings. Treat with fungicidal cleaner, pressure wash.	559 BP Primer applied 100 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	100gm glass fibre chop strand matting
Mineral felt roof pitched >15%	Cut out and repair damaged/blistered areas. Remove all loose chippings. Treat with fungicidal cleaner, pressure wash.	559 BP Primer applied 100 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	Not needed
Asbestos flat roof	Cut out and repair damaged/blistered areas. Treat with fungicidal cleaner, pressure wash.	559 BP Primer applied 100 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	100gm glass fibre chop strand matting
Previously coated flat roof	Remove any loose coating back to a sound edge. Treat with fungicidal cleaner, pressure wash.	506 Aluprime applied 150 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	100gm glass fibre chop strand matting
Previously coated roof pitched >15%	Remove any loose coating back to a sound edge. Treat with fungicidal cleaner, pressure wash.	506 Aluprime applied 150 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	Not needed
Plastisol cladding flat roof	Remove any loose coating back to a sound edge. Remove any flaking corrosion. Treat with fungicidal cleaner, pressure wash.	506 Aluprime applied 150 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	100gm glass fibre chop strand matting
Plastisol cladding flat roof >15%	Remove any loose coating back to a sound edge. Remove any flaking corrosion. Treat with fungicidal cleaner, pressure wash.	506 Aluprime applied 150 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	Not needed
Timber flat roof	Ensure timber is clean and dry (<5% moisture content)	503 SPEP applied 150 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	100gm glass fibre chop strand matting
Timber pitched roof >15%	Ensure timber is clean and dry (<5% moisture content)	503 SPEP applied 150 microns WFT	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at 500 microns WFT	Not needed
GRP surfaces	Remove any loose coating back to a sound edge. Treat with fungicidal cleaner, pressure wash.	506 Aluprime applied 150 microns	1	1 x coat of 552 CSM at 1000 microns WFT 1 x coat of 550 WR at	100gm glass fibre chop strand matting