

25 Year Waterproofing System

Resichem 557 Polyroof EC & 558 Polyroof UV System

Resichem 557 Polyroof EC & Polyroof UV are single pack solvent based moisture triggered elastomeric urethane coatings. The products are supplied ready to use and are ideal for waterproofing GRP, Asbestos, Concrete, Metal and Mineral Felt Roofs. The coating system is based on a single coat of 557 Polyroof EC with 225gm glass fibre chop strand matting and a single top coat of 558 Polyroof UV.

Features of the product include

High build capability in a single coat

Excellent elongation (280%)

Cures at low temperatures (5°C)

Benefits to the user include

Cost effective solution

Long term waterproofing protection

25 year protection on roof surfaces

Typical Applications include

Wide range of roof surfaces,
tank roofs, GRP Structures



Factory roof protected using the 557 Polyroof EC & 558 Polyroof UV system

System application guide for 557 Polyroof EC/ 558 Polyroof UV

Application	Surface Preparation	Primer	No of coats	Application of 557 & 558	Reinforcement
Mineral felt flat roof	Cut out and repair damaged/ blistered areas. Remove all loose chippings. Treat with fungicidal cleaner, pressure wash.	No primer needed	N/A	1 x coat of 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm WFT	225gm 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.	No primer needed	N/A	1 x coat of 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm 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 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm WFT	225gm 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 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm WFT	225gm 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 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm 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.	510 MCU 126 applied at 125 microns WFT	1	1 x coat of 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm WFT	225gm 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 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm 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 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm WFT	225gm 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 557 EC at 1.5mm WFT 1 x coat of 558 UV at 1mm 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 557 EC at 1.5mm WFT 1 x coat of 558 UV at	225gm glass fibre chop strand matting