

SIGNature Ultra Protect Liquid Waterproofing

Single part polyurethane liquid waterproofing available in Light Grey and Dark Grey colour liquid variants to be used as part of the SIGNature Ultra Protect Liquid Waterproofing system with SIGNature Chopped Strand Mat (CSM) included between base and upper coat.

SUITABLE SURFACES

Concrete; asphalt; bituminous roofing membranes, including mineral surfaced; steel; PVC membranes; existing polyurethane coatings; plywood in conjunction with a specified carrier membrane; polyisocyanurate (PIR) foam insulation boards in conjunction with a specified carrier membrane; mineral wool insulation boards in conjunction with a specified carrier membrane.

FEATURES & BENEFITS

- The BBA has awarded certificate 22/5994 for both 20 and 25 year system options
- Simple application using a brush or roller
- No mixing required
- Suitable for new build or refurbishment projects
- Curing time of 6-12 hours at 20°C.

PRODUCT INFORMATION AND TECHNICAL DATA

Product Code	Colour
10701799	Light Grey
10701798	Dark Grey

Size	15 litres €
Material	Polyurethane
Coverage	20 Year System: Base Coat: 1L/m ² . Top Coat: 1L/m ² 25 Year System: Base Coat: 1L/m ² . Top Coat: 2 coats at 0.75L/m ²
Application Temperature	5 - 30°C
Temperature Resistance Range	-30 - 80°C
Expected Cure Time (at 20°C)	6-12 hours per coat at 20°C
Shelf Life	12 months
Storage Instructions	The product should be stored unopened in a dry condition, away from direct sunlight.
Storage Temperature	5-25°C

Safety Data Sheet Available on Request

Precautions

To be installed by AccuRoof Registered Roofing Contractor (ARRC) only. Install to well ventilated areas only using the recommended equipment.

PREPARATION INSTRUCTIONS**Surface preparations**

1. Surfaces must be clean, dry, and free from debris, fungal growth and any other contaminants before use.
2. Cracks, holes, and other defects must be repaired prior to waterproofing application.
3. Most substrates require priming with the appropriate SIGNature Ultra Protect Primer prior to the application of the base coat (consult Primer Chart). It is advised that adhesion tests are carried out onsite prior to application to ensure sufficient adhesion can be achieved and to determine priming requirements. SIGNature Ultra Protect approved AVCL/Carrier Membrane, when used as a carrier membrane, does not require primer application to the upper surface prior to applying SIGNature Ultra Protect Liquid Waterproofing.

Application Instructions

1. Apply the Base Coat with a brush or roller at a rate of 1.00L/m². Apply to perimeters and roof details prior to waterproofing field areas.
2. Roll SIGNature Chopped Strand Mat (CSM) into the wet Base Coat immediately after application ensuring no creases are formed. The components of SIGNature Ultra Protect Liquid Waterproofing System cause the CSM to break down into individual fibres when embedded into the Base Coat, reducing the risk of creasing, and ensuring each run of matting is fully incorporated into the next. CSM must be overlapped by a minimum of 50mm to ensure consistent system reinforcement.
3. When the Base Coat has been allowed to cure (approx. 6-12 hours at 20°C), apply the Top Coat with a brush or roller – coverage rates dependent on the expected system lifespan required.
4. Allow the Top Coat(s) to cure (approx. 6-12 hours at 20°C).