



ELASTOLEP EXTRA SR 3 AL

Glass fibre + AL based SBS Modified Self Adhesive membrane

Introduction

ELASTOLEP EXTRA SR 3 AL is a high performance waterproofing material designed to perform as a vapour control layer or base layer in built up systems where fire safety does not allow use of Torch on membranes. Material is suitable for new build and remedial roofing applications.

Product Description

ELASTOLEP EXTRA SR 3 AL is a glass fibre + aluminum foil reinforced Underlay, saturated and coated with high quality SBS (Styrene-Butadiene-Styrene) modified bitumen. The upper layer is protected with fine grained sand to prevent roll sticking, the bottom layer is coated with self-adhesive compound, covered with removable film.

ELASTOLEP EXTRA SR 3 AL is a reliable, environmentally friendly material with excellent performance and durability characteristics. This product can be applied to all suitable substrates as underlay in any types of waterproofing systems. Not recommended for use as single ply waterproofing.

Product Features

- Fire free application eliminating administration of Hot Works permits
- Excellent low temperature flexibility at -25°C
- Easy to peel removable film
- SBS modified bitumen binder formulated to ensure highest performance
- Suitable for all types of roofing applications

Application

ELASTOLEP EXTRA SR 3 AL should be installed in accordance with BS 8217: 2005 Code of Practice for Reinforced bitumen membranes for roofing, constantly observing TECHNONICOL installation recommendations and guidance. ELASTOLEP EXTRA SR 3 AL membranes are applied by the removal of the release film onto previously prepared surface, clear of any debris or sharp projections, primers shall be used to prepare substrate for achieving most effective waterproofing longevity.

The membranes should be laid out in required direction and release film peeled off as work proceeds. Side laps must be maintained at 75 mm, the end laps at minimum of 100 mm. The cap sheet should be offset 300 mm from the underlay to avoid side build-up of overlaps. In cold weather conditions, the hot air gun should be used to assist the lap joints adhesion.

Harmonised standard

EN 13 707+A2:2009
EN 13 969:2005 + A1:2007

Health and Safety

Health and Safety should be observed at all times in accordance with HSE and Industry guidance. Specific Risk Assessments and Method Statements should be produced by contractors where necessary to ensure Working at Heights, Fire Safety and Manual Handling rules are compliant with current law and regulations. Health and safety data sheets are available for all materials on request from TECHNONICOL Technical Service Department.

Performance and Key Properties

| Properties | Test Method | Declared Performance |
|---|-----------------|----------------------|
| Roll Dimensions, m | EN 1848-1 | 10 x 1 |
| Thickness, mm | EN 1849-1 | 3.0 ± 0.2 |
| Weight, kg/m ² | EN 1849-1 | - |
| Maximum tensile force L/T, N/50mm | EN 12311-1 | 300/500±150 |
| Elongation, % | EN 12311-1 | 4/4±2 |
| Resistance to tearing (nail shank), N | EN 12310-1 | 100/100±30 |
| Flow resistance at elevated temperature, °C | EN 1110 | ≥ 90 |
| Flexibility at low temperature, °C | EN 1109 | ≤ -25 |
| Watertightness, kPa | EN 1928 | - |
| Water vapour transmission properties | EN 1931 | μ= 500 000±100 000 |
| Reaction to fire | EN 13501-1:2002 | Euroclass E |

Quality Assurance

ELASTOLEP EXTRA SR 3 AL materials are manufactured following ISO 9001: 2008 Quality Management System and Environmental Management System approved to ISO 14001: 2004.