

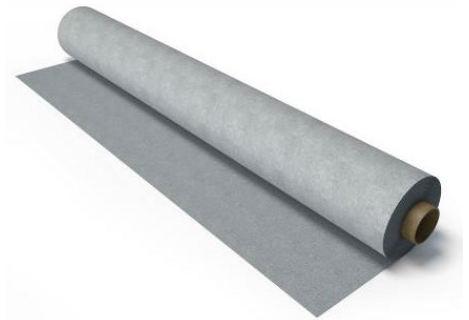


## LOGICROOF V-RP FB

Polyester reinforced PVC membrane with laminated geotextile fleece on the bottom for single-ply waterproofing of exposed flat roofs

### Product description

LOGICROOF V-RP FB is a polyester reinforced PVC membrane with laminated geotextile fleece on the bottom surface, which is designed for use in fully adhered systems. The material is used for single-ply waterproofing of exposed flat roofs.



The multi-layer synthetic membrane is produced by co-extrusion on a base of premium quality plasticized polyvinyl chloride (PVC-P). The top layer is featured by a very high resistance to weather factors and UV rays, while the bottom layer offers a high resistance to puncture.

A variation with a non-slippery textured surface of top layer LOGICROOF V-RP FB (T) is available.

### Performance of works

The waterproofing PVC membrane is to be fully adhered to the substrate geotextile fleece down by means of a special glue (each roll has a fleece free edge on one side). Overlap seams are welded by hot air welding equipment, such as manual hot air welding machines and pressure rollers or automatic hot air welding machines with temperature control. Contact with all materials containing bitumen or solvents should be avoided. Direct contact with polymeric materials made of polystyrene (EPS, XPS) is not allowed.

### Storage

Rolls of synthetic membranes are delivered on pallets. Every roll is packed in the additional individual pack. Rolls should be stored lying down on pallets fully protected from moisture with clean canvas tarpaulins. Keep the minimum distance of 1 m from any source of heat. Shelf life if all storage requirements are met: 18 months from the date of production.

### Main characteristics

| Properties   | Performance                                     | Test method |
|--|---|-------------|
| Thickness, mm                                      | 1.5, 2.0 (-5/+10%)                              | EN 1849-2   |
| Mass per unit area, kg/m <sup>2</sup>              | 1.9, 2.8  | EN 1849-2   |
| Length × width, m                                  | 20 × 2.1, 15 × 2.1                              | EN 1848-2   |
| Tensile strength L / T, N/50 mm                    | ≥1100 / ≥900                                    | EN 12311-2  |
| Elongation, %                                      | ≥18   | EN 12311-2  |
| Tear resistance, N                                 | ≥150  | EN 12310-2  |
| Resistance to static load, kg                      | ≥20   | EN 12730 B  |
| Resistance to impact on rigid / soft base, mm      | ≥800 / ≥1000 (1.5 mm)<br>≥1400 / ≥1800 (2.0 mm) | EN 12691    |
| Peel resistance of joints, N/50 mm                 | ≥300  | EN 12316-2  |
| Shear resistance of joints, N/50 mm                | ≥700  | EN 12317-2  |
| Foldability at low temperature, °C                 | ≤-30  | EN 495-5    |
| Watertightness during 24 h at a pressure of 10 kPa | Pass  | EN 1928-2 B |