

## LOGICROOF V-RP

### POLYESTER REINFORCED PVC MEMBRANE FOR SINGLE-PLY WATERPROOFING OF EXPOSED FLAT ROOFS

LOGICROOF V-RP is a premium quality PVC membrane, which is used for single-ply waterproofing of exposed flat roofs. It is fixed mechanically with hot air welding of overlaps.

LOGICROOF V-RP is a polyester reinforced multi-layer synthetic membrane 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.

Can be supplied in different colors: grey, white, red, green and blue. A variation with a non-slippery textured surface of the top layer LOGICROOF V-RP (T) is available.



## LOGICROOF V-SR

### NON-REINFORCED FLEXIBLE PVC MEMBRANE FOR CORNERS REINFORCING AND SEALING OF CONNECTIONS BETWEEN DIFFERENT ROOF ELEMENTS

LOGICROOF V-SR is a special PVC membrane without reinforcement, which is designed for corners reinforcing and sealing of connections between different roof elements such as piping, funnels, aerators and other protruding objects. The material is welded with the hot air to the main waterproofing layer.

The main advantage of this material is its high elasticity. The top layer is featured by a very high resistance to weather factors and UV rays, while the bottom layer offers high resistance to puncture.



| PROPERTIES  | TEST METHOD | LOGICROOF V-RP       |              |               |               | LOGICROOF V-SR |
|---|-------------|----------------------|--------------|---------------|---------------|----------------|
| Thickness, mm   | EN 1849-2   | 1.2                  | 1.5          | 1.8           | 2.0           | 1.5            |
| Mass per unit area, kg/m <sup>2</sup>                 | EN 1849-2   | 1.5                  | 1.8          | 2.2           | 2.7           | 1.8            |
| Length x width, m                                     | EN 1848-2   | 25 x 2.1             | 20 x 2.1     | 15 x 2.1      | 15 x 2.1      | 20 x 2.1       |
| Tensile strength L / T                                | EN 12311-2  | ≥1100 / ≥900 N/50 mm |              |               |               | ≥16 / ≥15 MPa  |
| Elongation, %   | EN 12311-2  | ≥18                  |              |               |               | ≥200           |
| Tear resistance, N                                    | EN 12310-2  | ≥150                 |              |               |               | ≥150           |
| Resistance to static load, kg                         | EN 12730 B  | ≥20                  |              |               |               | ≥20            |
| Resistance to dynamic impact on rigid / soft base, mm | EN 12691    | ≥600 / ≥700          | ≥800 / ≥1000 | ≥1100 / ≥1500 | ≥1400 / ≥1800 | ≥800 / ≥1000   |
| Peel resistance of joints, N/50 mm                    | EN 12316-2  | ≥300                 |              |               |               | ≥400           |
| Shear resistance of joints, N/50 mm                   | EN 12317-2  | ≥700                 |              |               |               | ≥700           |
| Foldability at low temperature, °C                    | EN 495-5    | ≤-30                 |              |               |               | ≤-30           |
| Watertightness, kPa                                   | EN 1928-2 B | ≥10                  |              |               |               | ≥10            |