



H 50062

# ALUFLEX PY ALV S35

|                     |                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product</b>      | Modified bitumen membrane with aluminium composite and glass-fibre reinforcement                                                         |
| <b>Top side</b>     | Sand                                                                                                                                     |
| <b>Bottom side</b>  | Foil                                                                                                                                     |
| <b>Intended use</b> | <ul style="list-style-type: none"> <li>• Vapour control layer</li> <li>• Basement waterproofing systems against soil moisture</li> </ul> |
| <b>Standard</b>     | EN 13969, EN 13970                                                                                                                       |
| <b>Application</b>  | Torch-on method<br>Side laps min. 8 cm, end laps min. 10 cm overlap                                                                      |
| <b>Packaging</b>    | 20 rolls of 10 m x 1m = 200 m <sup>2</sup> per pallet                                                                                    |

| Characteristics                                    | Testing method | Unit              | Result              |
|----------------------------------------------------|----------------|-------------------|---------------------|
| Length                                             | EN 1848-1      | m                 | 10,0                |
| Width                                              | EN 1848-1      | m                 | 1,00                |
| Straightness                                       | EN 1848-1      | mm/10m            | < 20                |
| Mass per unit area                                 | EN 1849-1      | kg/m <sup>2</sup> | 4,5 (±0,3)          |
| Thickness                                          | EN 1849-1      | mm                | 3,5 (±0,2)          |
| Watertightness                                     | EN 1928        | kPa               | 60                  |
| Reaction to fire test                              | EN 13501-1     | Klasse            | E                   |
| Shear resistance of joints                         | EN 12317-1     | N/50mm            | NPD                 |
| Tensile force long./trans.                         | EN 12311-1     | N/50mm            | 450/400 (±100/±100) |
| Elongation at single-end breaking force            | EN 12311-1     | %                 | 4/4 (±2/±2)         |
| Resistance to impact                               | EN 12691       | mm                | NPD                 |
| Resistance to static loading                       | EN 12730       | kg                | NPD                 |
| Resistance to tearing (nail shank) long./trans.    | EN 12310-1     | N                 | NPD                 |
| Flexibility at low temperatures                    | EN 1109        | °C                | -10                 |
| Flow resistance at elevated temperature            | EN 1110        | °C                | 80                  |
| Watertightness transmission after artificial aging | EN 1928        | kPa               | 60                  |
| Water vapour transmission                          | EN 1931        | Sd                | > 1500 m            |
| Water vapour transmission after artificial aging   | EN 1931        | Sd                | > 1500 m            |

NPD = No performance determined

The declared data are indices based on the statistical quality control and refer to the date of production. Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method. All specifications are without obligation. The user must assess the suitability of the product for the particular purpose and ensure the user's access to the current version of the product data sheet.

**Subject to alteration without notice.**

Storage conditions: The products have to be stored in original packaging, being protected from direct sun light, UV-beams and extreme conditions like heat, frost, moisture, etc. During cold season store the products in a frost-free area (+5°C) for 12 hours before application.

**Development, Production and Sales of our products according to ISO 9001.**