



## H 53515 ZIB 15

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| <b>Product</b>      | SBS-modified bitumen membrane with polyester reinforcement   |
| <b>Top side</b>     | PP nonwoven fabric green with 10cm selvedge (foil)   |
| <b>Bottom side</b>  | PP nonwoven fabric green with 10cm self-adhesive selvedge (peel-off foil)  |
| <b>Intended use</b> | <ul style="list-style-type: none"> <li>• Underlays for discontinuous roofing</li> </ul>  |
| <b>Standard</b>     | EN 13859-1   |
| <b>Application</b>  | <p>Mechanically fastened in the region of the selvedge</p> <p>Side laps min. 10 cm overlap by self-adhesive method (if necessary with thermal activation), end laps min. 10 cm homogenous adhered overlap with a suitable glue</p> |
| <b>Packaging</b>    | 22 rolls of 20 m x 1m = 440 m <sup>2</sup> per pallet  |

| Characteristics                                    | Testing method | Unit              | Result              |
|--|----------------|-------------------|---------------------|
| Length   | EN 1848-1      | m                 | 20,0                |
| 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> | NPD                 |
| Thickness  | EN 1849-1      | mm                | 1,5                 |
| Reaction to fire test                              | EN 13501-1     | Klasse            | E                   |
| Tensile force long./trans.                         | EN 12311-1     | N/50mm            | 700/400 (±100/±100) |
| Elongation at single-end breaking force            | EN 12311-1     | %                 | 40/45 (±10/±10)     |
| Resistance to tearing (nail shank) long./trans.    | EN 12310-1     | N                 | 180/180 (±30/±30)   |
| Dimensional stability                              | EN 1107-1      | %                 | ≤  1,0              |
| Flexibility at low temperatures                    | EN 1109        | °C                | -25                 |
| Water vapour transmission                          | EN 1931        | m                 | 100 (±30)           |
| Resistance to water penetration                    | EN 13859-1     | Klasse            | W1                  |
| Resistance to air permeability                     | EN 13859-1     | -                 | NPD                 |
| Artificial aging - resistance to water penetration | EN 13859-1     | Klasse            | W1                  |
| Artificial aging - tensile strength                | EN 13859-1     | N/50mm            | 700/400 (±200/±200) |

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.**