



H 54020

# BARUPLAN KVD E 50 K DB (DUNKELBRAUN)

|                     |                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product</b>      | SBS-modified bitumen membrane with polyester reinforcement, coloured surfaces for highbrow architecture Special recipe for optimized torch-on characteristics on pitched roofs |
| <b>Top side</b>     | Light surface protection (Granules DARK BROWN) with 8 cm selvedge (foil)                                                                                                       |
| <b>Bottom side</b>  | Foil                                                                                                                                                                           |
| <b>Intended use</b> | • Cap sheet of bituminous roofing systems                                                                                                                                      |
| <b>Standard</b>     | EN 13707                                                                                                                                                                       |
| <b>Application</b>  | Torch-on method<br>Side laps min. 8 cm, end laps min. 10 cm overlap                                                                                                            |
| <b>Packaging</b>    | 18 rolls of 7,5 m x 1m = 135 m <sup>2</sup> per pallet                                                                                                                         |

| Characteristics                                        | Testing method | Unit              | Result                              |
|--------------------------------------------------------|----------------|-------------------|-------------------------------------|
| Length                                                 | EN 1848-1      | m                 | 7,5                                 |
| 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> | 5,0 (±0,3)                          |
| Thickness                                              | EN 1849-1      | mm                | 4,5 (±0,2)                          |
| Watertightness                                         | EN 1928        | kPa               | 400                                 |
| External fire exposure                                 | EN 13501-5     | Klasse            | B <sub>roof</sub> t1 <sup>[1]</sup> |
| Reaction to fire test                                  | EN 13501-1     | Klasse            | E                                   |
| Shear resistance of joints                             | EN 12317-1     | N/50mm            | ≥ 500                               |
| Tensile force long./trans.                             | EN 12311-1     | N/50mm            | 1200/1000 (±200±/200)               |
| Elongation at single-end breaking force                | EN 12311-1     | %                 | 55/55 (±10/±10)                     |
| 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                 | 280/280 (±50/±50)                   |
| Dimensional stability                                  | EN 1107-1      | %                 | ≤  0,3                              |
| Flexibility at low temperatures                        | EN 1109        | °C                | -20                                 |
| Flow resistance at elevated temperature                | EN 1110        | °C                | 100                                 |
| Flexibility at low temperatures after artificial aging | EN 1109        |                   | -15                                 |
| Water vapour transmission                              | EN 1931        | μ                 | NPD                                 |

[1] according to certified system

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.**