

# BauderTEC KSD mica

## Technical Data Sheet

|                      |                                                                        |                                                              |  |
|----------------------|------------------------------------------------------------------------|--------------------------------------------------------------|--|
| Type of application: | <b>Cold self-adhesive elastomer bitumen membrane as vapour barrier</b> |                                                              |  |
| Surface              | top:                                                                   | <b>Mica with seam foil and improved seam properties</b>      |  |
|                      | bottom:                                                                | <b>Perforated pull-off foil, cold self-adhesive compound</b> |  |
| Reinforcement        | type and weight:                                                       | <b>Aluminium-polyester-combination with glass mesh</b>       |  |
| Article number       | <b>1628 0000</b>                                                       |                                                              |  |

| Characteristic                                  | Test method         | Unit      | Value                                |
|-------------------------------------------------|---------------------|-----------|--------------------------------------|
| Length                                          | DIN EN 1848-1       | m         | 10                                   |
| Width                                           | DIN EN 1848-1       | m         | 1.08                                 |
| Thickness                                       | DIN EN 1849-1       | mm        | 2.5                                  |
| Flexibility at low temperature                  | DIN EN 1109         | °C        | ≤ -25                                |
| Flow resistance at elevated temperature         | DIN EN 1110         | °C        | ≥ +70                                |
| Tensile properties: max. tensile force          | DIN EN 12311-1      | N / 50 mm | length: ≥ 1000    transverse: ≥ 1000 |
| Tensile properties: elongation                  | DIN EN 12311-1      | %         | length: ≥ 2    transverse: ≥ 2       |
| Straightness                                    | DIN EN 1848-1       | mm / 10m  | ≤ 20                                 |
| Tear propagation resistance                     | DIN EN 12310-1      | N         | ≥ 150                                |
| Watertightness type A                           | DIN EN 1928 Verf. B | -         | passed                               |
| Water vapour transmission properties (sd-value) | DIN EN 1931         | m         | ≥ 1500                               |
| Reaction to fire                                | DIN EN ISO11925-2   | -         | class E according to DIN EN 13501-1  |
| External fire performance <sup>a)</sup>         | DIN CEN/TS 1187     | -         | B <sub>ROOF</sub> (t1)               |
| Visible defects                                 | DIN EN 1850-1       | -         | no visible defects                   |
| Peel resistance of joint                        | DIN EN 12316-1      | N / 50 mm | nvs                                  |
| Shear resistance of joint                       | DIN EN 12317-1      | N / 50 mm | nvs                                  |
| Resistance to impact                            | DIN EN 12691        | mm        | nvs                                  |
| Resistance to static loading                    | DIN EN 12730        | kg        | nvs                                  |
| Dimensional stability                           | DIN EN 1107-1       | %         | nvs                                  |
| Artificial ageing DIN EN 1296                   | DIN EN 1109         | °C        | nvs                                  |
|                                                 | DIN EN 1110         | °C        |                                      |

nvs = no value specified

<sup>a)</sup> The determination of the method for external fire performance is a system test that can be influenced by system components which are not produced or sold by Bauder GmbH & Co. KG. A performance for the single product can therefore not be stated. The declared values are determined statistically and are subject to tolerances.

