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## PRODUCT DATA SHEET



TS EN 13969

### BITUPROOF D (3.5 mm)

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| PRODUCT DESCRIPTION                     | Self adhesive modified bitumen tanking membrane with excellent adhesion to freshly poured concrete for blind side waterproofing |       |           |        |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------|-----------|--------|
| USAGE                                   | Blind side waterproofing. Tip A - Tip T                                                                                         |       |           |        |
| APPLICATION METHOD                      | Self adhesive. Apply torch along overlaps.                                                                                      |       |           |        |
| TOP SURFACE                             | Special mineral surfacing with enhanced bitumen mixture for excellent adhesion to freshly pured concrete.                       |       |           |        |
| BOTTOM SURFACE                          | Siliconized Film                                                                                                                |       |           |        |
| COATING TYPE                            | Polyester                                                                                                                       |       |           |        |
| STORAGE                                 | Rolls to be stored upright and away from heat.                                                                                  |       |           |        |
| ECOLOGICAL DATA                         | Can be used in natural atmosphere                                                                                               |       |           |        |
| TEST                                    | METHOD                                                                                                                          | UNIT  | TOLERANCE | VALUES |
| Width                                   | TS EN 1848 - 1                                                                                                                  | m     | -0,02     | 1      |
| Length                                  | TS EN 1848 - 1                                                                                                                  | m     | -0,03     | 10     |
| Thickness                               | TS EN 1849 - 1                                                                                                                  | mm    | ±0,2      | 3,5    |
| Tensile Strength (Transverse)           | TS EN 12311 - 1                                                                                                                 | N/5cm | ±%10      | 600    |
| Tensile Strength (Longitudinal)         | TS EN 12311 - 1                                                                                                                 | N/5cm | ±%10      | 800    |
| Elongation at break (Transverse)        | TS EN 12311 - 1                                                                                                                 | %     | ±10       | 45     |
| Elongation at break (Longitudinal)      | TS EN 12311 - 1                                                                                                                 | %     | ±10       | 45     |
| Resistance to tearing (Transverse)      | TS EN 12310 - 1                                                                                                                 | N     | ±50       | 250    |
| Resistance to tearing (Longitudinal)    | TS EN 12310 - 1                                                                                                                 | N     | ±50       | 250    |
| Flexibility at low temperature          | TS EN 1109                                                                                                                      | °C    | min.      | -20    |
| Resistance to Impact                    | TS EN 12691 (METHOD A)                                                                                                          | mm    | min.      | 1000   |
| Resistance to static loading            | TS EN 12730 (METHOD B)                                                                                                          | kg    | min.      | 15     |
| Shear resistance of joint               | TS EN 12317 - 1                                                                                                                 | N/5cm | min.      | 580    |
| Flow resistance at elevated temperature | TS EN 1110                                                                                                                      | °C    | min.      | 100    |
| Adhesion Strength                       | TS EN 12316 - 1                                                                                                                 | N/5cm | min.      | 100    |
| Reaction to fire                        | TS EN 13501 - 1                                                                                                                 | -     | -         | E      |
| Watertightness                          | TS EN 1928 (Method B 60 kPa)                                                                                                    | -     | -         | PASS   |
| External Fire Performance               | TS EN 1187                                                                                                                      | -     | -         | FROOF  |
| Resistance to root penetration          | TS EN 13948                                                                                                                     | -     | -         | NPD    |
| Dangerous substances                    | -                                                                                                                               | -     | -         | PASS   |
| Artificial aging                        | TS EN 1296 / TS EN 1928 (Method B 60 kPa)                                                                                       | -     | -         | PASS   |
| Resistance to chemicals                 | TS EN 1847 / TS EN 1928 (Method B 60 kPa)                                                                                       | -     | -         | PASS   |

NPD = (No performance defined)

\* For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet

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