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## PRODUCT DATA SHEET



TS EN 13707 - TS EN 13969

## ELASTOBİT PE 4 BOTANİK

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| <b>PRODUCT DESCRIPTION</b>                    | Elastomeric modified bituminous waterproofing membrane.                                                                                                                                                     |        |            |        |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|--------|
| <b>USAGE</b>                                  | Used as underlay and intermediate layer to waterproof terraces and roofs. It can also be used for waterproofing and damp proofing of underground structures, basement and storage tanks.<br>Type A - Type T |        |            |        |
| <b>APPLICATION METHOD</b>                     | Torchd. Please refer to application booklet.                                                                                                                                                                |        |            |        |
| <b>TOP SURFACE</b>                            | Polyethylene Film                                                                                                                                                                                           |        |            |        |
| <b>BOTTOM SURFACE</b>                         | Polyethylene Film                                                                                                                                                                                           |        |            |        |
| <b>REINFORCEMENT TYPE</b>                     | Polyester                                                                                                                                                                                                   |        |            |        |
| <b>STORAGE</b>                                | Rolls to be stored upright and away from heat.                                                                                                                                                              |        |            |        |
| <b>ECOLOGICAL DATA</b>                        | Can be used in natural atmosphere                                                                                                                                                                           |        |            |        |
| TEST                                          | METHOD                                                                                                                                                                                                      | UNIT   | TOLERANCE  | VALUES |
| Visible defects                               | TS EN 1850-1                                                                                                                                                                                                | -      | -          | NONE   |
| Length                                        | TS EN 1848-1                                                                                                                                                                                                | m      | -0,03      | 10     |
| Width                                         | TS EN 1848-1                                                                                                                                                                                                | m      | -0,02      | 1      |
| Straightness                                  | TS EN 1848-1                                                                                                                                                                                                | -      | -          | PASS   |
| Thickness                                     | TS EN 1849-1                                                                                                                                                                                                | mm     | ±0,2       | 4      |
| Watertightness                                | TS EN 1928 (method A 10kPa)                                                                                                                                                                                 | -      | -          | PASS   |
|                                               | TS EN 1928 (method B 60kPa)                                                                                                                                                                                 | -      | -          | PASS   |
| Reaction to fire                              | TS EN 13501-1                                                                                                                                                                                               | class  | -          | E      |
| Shear resistance of joint                     | TS EN 12317-1                                                                                                                                                                                               | N/50mm | -          | NPD    |
| Water vapour transmission properties          | TS EN 1931                                                                                                                                                                                                  | -      | min.       | 20.000 |
| Tensile Strength (Longitudinal)               | TS EN 12311-1                                                                                                                                                                                               | N/50mm | ±35%       | 800    |
| Elongation at break (Longitudinal)            | TS EN 12311-1                                                                                                                                                                                               | %      | (-0 ; +20) | 35     |
| Tensile Strength (Transverse)                 | TS EN 12311-1                                                                                                                                                                                               | N/50mm | ±35%       | 600    |
| Elongation at break (Transverse)              | TS EN 12311-1                                                                                                                                                                                               | %      | (-0 ; +20) | 35     |
| Resistance to impact                          | TS EN 12691 (method A)                                                                                                                                                                                      | mm     | min.       | 1500   |
| Resistance to static loading                  | TS EN 12730 (method B)                                                                                                                                                                                      | kg     | min.       | 20     |
| Dimensional stability                         | TS EN 1107-1                                                                                                                                                                                                | %      | max.       | 0,6    |
| Resistance to tearing (Longitudinal)          | TS EN 12310-1                                                                                                                                                                                               | N      | ±50%       | 270    |
| Flexibility at low temperature                | TS EN 1109 (top surface)                                                                                                                                                                                    | °C     | min.       | -20    |
|                                               | TS EN 1109 (bottom surface)                                                                                                                                                                                 | °C     | min.       | -20    |
| Flow resistance at elevated temperature(<2mm) | TS EN 1110                                                                                                                                                                                                  | °C     | min.       | 100    |
| Resistance to root penetration                | TS EN 13948                                                                                                                                                                                                 | -      | -          | PASS   |
| Artificial Ageing                             | TS EN 1296/TS EN 1928 (Method B 60kPa)                                                                                                                                                                      | -      | -          | PASS   |
| Resistance to chemicals                       | TS EN 1847/TS EN 1928 (Method B 60kPa)                                                                                                                                                                      | -      | -          | PASS   |
| <b>Dangerous substances</b>                   | Doesn't contain asbestos or coal tar constituents.                                                                                                                                                          |        |            |        |

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

The manufacturer serves the right to modify, at any time, the characteristics of its products

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