

IZOTEM V4

Waterproofing membrane with a glass fleece carrier and with oxidized bitumen

Product description IZOTEM V4 is a waterproofing membrane made from a glass fleece reinforcement that is coated on both sides with oxidized bitumen. The membrane is protected on both sides by polymeric sheeting.

Characteristics of the product IZOTEM V4 meets the demands of the standards SIST EN 13969 for type A and SIST 1031.

| Characteristic | EN Method | Unit | Declaration EN 13969 |
|--------------------------------------------------------------------------------------------------------------------|--------------------|-----------|-----------------------------------------|
| Reinforcement | | | Glass fleece |
| Surface protection | | | Polymeric sheeting / Polymeric sheeting |
| Length | 1848-1 | m | ≥10 |
| Width | 1848-1 | m | ≥1 |
| Straightness | 1848-1 | 20 mm/10m | pass |
| Thickness | 1849-1 | mm | 3,5 -10% |
| Watertightness | 1928/2000 | kPa | ≥ 2 |
| Durability of watertightness against artificial ageing | 1928/2000 | kPa | ≥ 2 |
| Flexibility at low temperature | 1109 | °C | ≤ 0 |
| Resistance to tearing <ul style="list-style-type: none"> • longitudinal • transversal | 12310-1 | N | ≥ 50 ≥ 50 |
| Shear resistance of joints <ul style="list-style-type: none"> • longitudinal • transversal | 12317-1 | N/50 mm | 300 -10% 200 -10% |
| Water vapour properties | 1931 | μ | NPD |
| Reaction to fire | 13501-1 | / | F |
| Chemical resistance | 1847/13969 Annex A | - | pass |
| Resistance to static loading | 12730/B | kg | < 5 |
| Resistance to impact (h=600 mm) | 12691 | mm | ≤ 20 |
| Tensile strength <ul style="list-style-type: none"> • longitudinal • transversal | 12311-1 | N/50mm | 300 -10% 200 -10% |
| Elongation <ul style="list-style-type: none"> • longitudinal • transversal | 12311-1 | %/50mm | ≥2,0 ≥2,0 |

Use and installation IZOTEM V4 is used regarding the demands of the SIST EN standards for less demanding one or more layered waterproofings of vertical or horizontal underground parts of objects. It can also be used as secondary roofing in systems of inclined roofs. The membrane is installed by torch or by gluing with 10 cm overlaps.

Storage The rolls have to be stored in an upright position, protected against dampness and extreme temperatures. In winter it is recommended to store the rolls before installation for 24 hours at a temperature of over + 5°C.



The product is in conformity with SIST EN 13969 for type A and SIST 1031.

Number EC certificate of control of quality: **1404 – CPD – 1059**.

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The system of quality and handling of the environment is conform with SIST EN ISO 9001 and 14001.