

C O N S T R U C T I O N

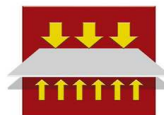
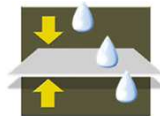
Product data sheet Fibertex F-27

Geotextile for application standards

| | | | | |
|---|---|---|--|--|
| ✓ Construction of roads and other trafficked areas EN 13249:2016 | ✓ Construction of railways EN 13250:2016 | ✓ Earthworks, foundations and retaining structures EN 13251:2016 | ✓ Drainage systems EN 13252:2016 | ✓ Erosion control systems EN 13253:2016 |
| ✓ Construction of reservoirs and dams EN 13254:2016 | ✓ Construction of canals EN 13255:2016 | Tunnels and underground structures EN 13256:2016 | ✓ Solid waste disposals EN 13257:2016 | ✓ Liquid waste containment projects EN 13265:2016 |

Functions / Intended uses

F + S



Characteristics

| Characteristic | Test methods | Units | Nominal value | Tolerance |
|--------------------------------|--------------|-------|---------------|-----------|
| Tensile strength MD | EN ISO 10319 | kN/m | 11,8 | -1,2 |
| Tensile strength CD | EN ISO 10319 | kN/m | 10,8 | -1,1 |
| Elongation MD | EN ISO 10319 | % | 45 | -9 +10 |
| Elongation CD | EN ISO 10319 | % | 57 | -11 +13 |
| Dynamic perforation resistance | EN ISO 13433 | mm | 30 | +8,0 |
| Static puncture (CBR-test) | EN ISO 12236 | N | 1800 | -180 |
| Opening size | EN ISO 12956 | µm | 80 | ±24 |
| Water permeability at 50 mm WH | EN ISO 11058 | m/sec | 0,07 | -0,021 |

Durability

To be covered within 2 weeks after installation

Predicted to be durable for more than 100 years in natural soils with pH between 2 and 13 at a soil temperature < 25°C on the basis of the results of test method (EN 13249, section B.4.2.2 test duration 112 days)

| Characteristics not mandatory | Test methods | Units | Nominal value | Tolerance |
|-------------------------------|---------------|------------------|---------------|-----------|
| Weight | EN ISO 9864 | g/m ² | 130 | ±13 |
| Thickness at 2 kPa | EN ISO 9863-1 | mm | 0,70 | ± 0,14 |

Material : 100% PP



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