**Edilfloor**

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

# Data Sheet

MOD 01 PRO 13
Rev. 00/2008
Page 1

# FLORTEX 100

**Nonwoven made by synthetic fiber, needlepunched and calandered. This product has been specially designed for outdoor applications with a suitable UV treatment; no glues, chemicals or post-consumer recycled materials have been used during the production process.**

| Physical properties | Standard | | Value | Units | Tolerance % | Tolerance (units) |
|---|---|---|---|---|---|---|
| Mass per unit area | [EN ISO 9864] | | 100 | g/m2 | +/- 10 | +/- 10 |
| Thickness | [EN ISO 9863-1] | 2 kPa | 0,60 | mm | +/- 20 | +/- 0,12 |

| Mechanical properties | Standard | | Value | Units | Tolerance % | Tolerance (units) |
|---|---|---|---|---|---|---|
| Tensile strength | [EN ISO 10319] | MD | 3,0 | kN/m | - 10 | - 0,3 |
| | [EN ISO 10319] | CMD | 3,5 | kN/m | - 10 | - 0,4 |
| Elongation at maximum load | [EN ISO 10319] | MD | 40 | % | +/- 30 | +/- 12 |
| | [EN ISO 10319] | CMD | 45 | % | +/- 30 | +/- 14 |
| Static puncture resistance (CBR) | [EN ISO 12236] | | 0,50 | kN | - 30 | - 0,15 |
| Dynamic puncture resistance | [EN ISO 13433] | > | 50 | mm | | |

| Hydraulic properties | Standard | | Value | Units | Tolerance % | Tolerance (units) |
|---|---|---|---|---|---|---|
| Velocity index | [EN ISO 11058] | | 110 | mm/s | - 30 | - 33 |
| Characteristic opening size | [EN ISO 12956] | | 90 | µm | +/- 30 | +/- 27 |

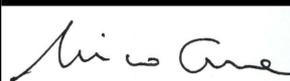| Durability properties | | |
|---|---|---|
| Weathering resistance | [-] | To be covered within 1 day from the day of installation. |
| Service life | | Forecast minimum durability of 5 years in natural ground with 4<pH<9 and soil temperature < 25°C. |

The values are guiding values obtained in our laboratories and in official testing institutes.
The confidence level is 95%
The right is reserved to make changes any time without notice.

MD = Machine Direction/Longitudinale;    CMD = Cross Machine Direction/Trasversale;    NA = Not Applicable/Non Applicablie

| Ref. | Approved by CQ | Approved by UT |
|---|---|---|
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