# Declaration of Performance

## ① INTELLO

② 12221
(Batch number - see imprint on membrane)

Vapour-check and airtightness membrane, suitable for all fibrous insulation mats and boards

④ MOLL bauoekologische Produkte GmbH
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Germany

System 3

The notified body "Gesellschaft für Materialforschung und Prüfungsanstalt für Bauwesen mbH" - NB 0800 - carried out the initial tests of the material properties according to system 3.

### ⑨ Performance declared according to ETA-18/1146:2019

| Property | Standard | Value |
|---|---|---|
| Length[1] | BS EN 1848-2 | 50 m |
| Width[2] | BS EN 1848-2 | 3 m |
| Surface weight | BS EN 1849-2 | 85 ±15 g/m² |
| Straightness | BS EN 1848-2 | < 7.5 cm/10 m |
| Thickness | BS EN 1849-2 | 0.25 ±0.1 mm |
| sd value | EN 1931 | 14 ±4.5 m |
| Tab. A.3.1: Durability of sd value | BS EN 1296 / BS EN ISO 12572 | 23°C 25%\|23°C 71,5%\|23°C 90% |
| sd initial value [m] | - " - | 34 ±20% \| 1.7 ±20% \| 0.30 ±40% |
| sd ageing value [m] | - " - | 55 ±20% \| 2.0 ±20% \| 0.30 ±40% |
| g value | | 70 ±22.5 MN·s/g |
| Fire rating | BS EN 13501-1 | E |
| Air permeability | BS EN 13859-2 / BS EN 12114 | 0.0095 m³/(m²·h·50 Pa) |
| Tensile strength MD/CD | BS EN 12311-2 | 110 N/5 cm / 80 N/5 cm |
| Tensile strength MD/CD, aged | BS EN 12311-2 | 100 N/5 cm / 70 N/5 cm |
| Elongation MD/CD | BS EN 12311-2 | 40% / 35% |
| Elongation MD/CD, aged | BS EN 12311-2 | 25% / 25% |
| Nail tear resistance MD/CD | BS EN 12310-1 | 60 N / 60 N |
| Durability after artificial ageing | ETA-18/1146 | passed |

dimensional tolerances: [1]: +0.5 m; [2]: +0.01 m

The performance of the product according to numbers 1 and 2 corresponds to the performance declared according to number 9. According to number 4, the manufacturer is solely responsible for issuing this Declaration of Performance. Signed for the manufacturer and on behalf of the manufacturer by:

Lothar Moll, CEO

Michael Förster, technical manager

Schwetzingen, 15/03/2024