Declaration of Performance

① SOLITEX UM connect

② 12739
(Batch number - see imprint on membrane)

Roofing underlay membrane with 3D separation mesh for sheet metal coverings

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 EN 13859-1

Property	Standard	Value
Length[1]	EN 1848-2	25 m
Width[2]	EN 1848-2	1.5 m
Surface weight	EN 1849-2	420 ±10 g/m² ; 1.38 ±0.03 oz/ft²
Thickness	EN 1849-2	8.0 ±0.5 mm ; 315 ±20 mils
sd value	EN ISO 12572	0.05 ±0.02 m
g value		0.25 ±0.1 MN·s/g
Fire rating	EN 13501-1	E
Watertightness, non-aged/ aged*	EN 13859-1	W1 / W1
Tensile strength MD/CD	EN 13859-1 (A)	220 ±15 N/5 cm / 170 ±15 N/5 cm ; 25 ±2 lb/in / 19 ±2 lb/in
Tensile strength MD/CD, aged*	EN 13859-1 (A)	185 ±15 N/5 cm / 160 ±15 N/5 cm ; 21 ±3.5 lb/in / 18 ±3.5 lb/in
Elongation MD/CD	EN 13859-1 (A)	60 ±20 % / 70 ±20 %
Elongation MD/CD, aged*	EN 13859-1 (A)	40 ±20 % / 50 ±20 %
Nail tear resistance MD/CD	EN 13859-1 (B)	130 ±30 N / 135 ±30 N ; 29 ±7 lbf / 30 ±7 lbf
*) Durability after artificial ageing	EN 1297 / EN 1296	passed
Flexibility at low temperature	EN 1109	-40 °C ; -40 °F

dimensional tolerances: [1]: +0.5 m; [2]: +0.005 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, 03/09/2024