



# Declaration of Performance

DoP-No.: 4026639210296-038105

## ① SOLITEX UD

② 1AR01029

(batch number see imprint on membrane)

Underlay for discontinuous roofing

④ MOLL bauökologische Produkte GmbH  
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68723 Schwetzingen  
Germany

System 3

The notified bodies "Gesellschaft für Materialforschung und Prüfungsanstalt für Bauwesen mbH" - NB 0800 - and "MPA Dresden GmbH" - NB 0767 - carried out the initial tests of the material properties according to system 3.

### ⑨ Performance declared according to BS EN 13859-1:2014

| Attribute                         | Norm                              | Value                           |
|-----------------------------------|-----------------------------------|---------------------------------|
| Length <sup>1</sup>               | BS EN 1848-2:2001                 | 50 m                            |
| Width <sup>2</sup>                | BS EN 1848-2:2001                 | 0.375 m                         |
| Surface weight                    | BS EN 1849-2:2001                 | 145 ±5 g/m <sup>2</sup>         |
| Thickness                         | BS EN 1849-2:2001                 | 0.50 ±0.05 mm                   |
| sd-value                          | BS EN ISO 12572:2001              | 0.06 ±0.02 m                    |
| g-value                           |                                   | 0.30 ±0.1 MN·s/g                |
| Reaction to fire                  | BS EN 13501-1:2010                | E                               |
| Water tightness non-aged/aged*    | BS EN 13859-1:2000                | W1 / W1                         |
| Tensile strength MD/CD            | BS EN 13859-1 (A):2010            | 285 ±15 N/5 cm / 215 ±15 N/5 cm |
| Tensile strength MD/CD aged*      | BS EN 13859-1 (A):2010            | 265 ±15 N/5 cm / 175 ±15 N/5 cm |
| Elongation MD/CD                  | BS EN 13859-1 (A):2010            | 45 ±10 % / 60 ±10 %             |
| Elongation MD/CD aged*            | BS EN 13859-1 (A):2010            | 50 ±10 % / 70 ±10 %             |
| Nail tear resistance MD/CD        | BS EN 13859-1 (B):2010            | 165 ±30 N / 165 ±30 N           |
| *) Artificial ageing by long term | BS EN 1297:2004 / BS EN 1296:2001 | passed                          |
| Flexibility at low temperature    | BS EN 1109:1999                   | -40 °C ; -40 °F                 |

dimensional tolerances: <sup>1</sup>: + ; <sup>2</sup>: +

The performance of the product according to numbers 1 and 2 correspond 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, 23/07/2019