



EN 13859-1:2010; EN 13859-2:2010

Declaration of Performance

According to Annex of Regulation (EU) No 305/2011
Nr DoP 3-1122015-02
for the product

ALFA Aerovent 110

| | |
|---|--|
| 1. Product type: unique identification code of the product type | 3-1122015-02 |
| 2. Intended use or uses of the construction product | Flexible sheets for waterproofing. Plastic and rubber vapour control layers |
| 3. Manufacturer | Armela Trade KFT Hungary H-8226 Alsóörs, Szerdahelyi Utca 2 |
| 4. Authorized representative | not relevant |
| 5. System or systems of assessment and verification of constancy of performance | System 3 |
| 6. Harmonized specification(s). Notified body(ies). | EN 13859-1:2010; EN 13859-2:2010 Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 1: Underlays for discontinuous roofing EN 13859-2:2010 Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 2: Underlays for walls Institut für textile Bau- und Umwelttechnik GmbH Institute for textile building and environment technology Gutenbergstr. 29, 48268 Greven, Germany, identification number: 0799, test report nr 1.1/18493/0671.0.4.1-2006 |

7. Declared performance

| Characteristic | Harmonized technical specification | Values |
|--|------------------------------------|----------------------------------|
| Reaction to fire | EN 13859-1:2010; EN 13859-2:2010 | F |
| Resistance to water penetration | EN 13859-1:2010; EN 13859-2:2010 | W1 |
| Tensile strength MD | EN 13859-1:2010; EN 13859-2:2010 | ≥200 N/50 mm (+/- 70 N/50 mm) |
| Tensile strength CD | EN 13859-1:2010; EN 13859-2:2010 | ≥130 N/50 mm (+/- 60 N/50 mm) |
| Elongation MD | EN 13859-1:2010; EN 13859-2:2010 | ≤80% |
| Elongation CD | EN 13859-1:2010; EN 13859-2:2010 | ≤80% |
| Tearing Resistance MD | EN 13859-1:2010; EN 13859-2:2010 | ≥120 N (+/-90 N) |
| Tearing Resistance CD | EN 13859-1:2010; EN 13859-2:2010 | ≥140 N (+/-90 N) |
| Flexibility at low temperatures | EN 13859-1:2010; EN 13859-2:2010 | W -30 °C comforming |
| Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat | | |
| Resistance to water penetration | EN 13859-1:2010; EN 13859-2:2010 | W1 |
| Tensile strength MD change | EN 13859-1:2010; EN 13859-2:2010 | <30% |
| Tensile strength CD change | EN 13859-1:2010; EN 13859-2:2010 | <30% |
| Elongation MD change | EN 13859-1:2010; EN 13859-2:2010 | ≤80% |
| Elongation CD change | EN 13859-1:2010; EN 13859-2:2010 | ≤80% |
| Water vapor transmission | EN 13859-1:2010; EN 13859-2:2010 | Sd = 0,02 m (+/-0,019 m) |
| Hazardous substances | EN 13859-1:2010; EN 13859-2:2010 | Does not contain |

8. Declaration: the performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 3.