



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

Declaration of Performance

According to Annex of Regulation (EU) No 305/2011
Nr DoP 3-1122015-09
for the product

ALFA Guard 150 / ALFA Guard 150 2R

1. Product type: unique identification code of the product type	3-1122015-09
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 1.1/18493/0455.0.2.1-2009

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	≥250 N/50 mm (+/- 90 N/50 mm)
Tensile strength CD	EN 13859-1:2010; EN 13859-2:2010	≥160 N/50 mm (+/- 70 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	≥135 N (+/-80 N)
Tearing Resistance CD	EN 13859-1:2010; EN 13859-2:2010	≥175 N (+/-80 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.