



PN-EN 13984:2013

Declaration of Performance

According to Annex of Regulation (EU) No 305/2011
Nr DoP 3-1122015-15
for the product

ALFA Reflectalu 90

1. Product type: unique identification code of the product type	3-1122015-15
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: 1301, test report nr 90-15-0034

7. Declared performance

Characteristic	Harmonized technical specification	Values
Reaction to fire	PN-EN 13984:2013	F
Resistance to water penetration	PN-EN 13984:2013	Meets requirements at 2 KPA
Water vapor transmission	PN-EN 13984:2013	$S_d \geq 584,7 \cdot 109 \text{m}^2 \cdot \text{S} \cdot \text{Pa} / \text{kg}$ $\geq 584,7 \cdot 109 \text{m}^2 \cdot \text{S} \cdot \text{Pa} / \text{kg}$
Impact Resistance	PN-EN 13984:2013	NPD
Water tightness of seams	PN-EN 13984:2013	NPD
Tensile strength MD	PN-EN 13984:2013	$\geq 180 \text{ N} / 50 \text{ mm}$
Tensile strength CD	PN-EN 13984:2013	$\geq 90 \text{ N} / 50 \text{ mm}$
Elongation MD	PN-EN 13984:2013	$\geq 7,1 \%$
Elongation CD	PN-EN 13984:2013	$\geq 3 \%$
Tearing Resistance MD	PN-EN 13984:2013	$\geq 70 \text{ N}$
Tearing Resistance CD	PN-EN 13984:2013	$\geq 65 \text{ N}$
Durability		
Ageing	PN-EN 13984:2013	Meets requirements
Chemical Resistance	PN-EN 13984:2013	Meets requirements
Hazardous substances	PN-EN 13984:2013	NPD

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.