

**DECLARATION OF PERFORMANCE**

According Annex III of the Regulation (EU) No. 305/2011  
amended by Commissions delegated Regulation (EU) No. 574/2014  
No. 004-DoP-2017/12/04 acc. to EN standard 13859-1: 2010 and 13859-2: 2010

1. Unique identification code of the product-type:	Roof underlay with insulation Aluthermo Roofreflex®
2. Intended use:	Aluthermo Roofreflex® is a moisture permeable (breathable) underlay membrane for use in all roof and wall applications. This product combines the benefits of an insulation layer with those of an external secondary protection membrane for use below tiles or cladding.
3. Manufacturer:	Aluthermo SA Steinkelt, Galhausen 23 B-4780 Saint Vith Belgium
4. Systems of AVCP:	System 3
5. Harmonised standard:	EN 13859-1: 2010 EN 13859-2: 2010
6. Notified body:	Notified testing laboratory No. 1301, Technický a skúšobný ústav stavebný, n.o., Bratislava, Slovak Republic

**7. Declared performances:**

ESSENTIAL CHARACTERISTICS	PERFORMANCE	SYSTEMS OF AVCP	HARMONIZED TECHNICAL SPECIFICATION
Reaction to fire	Class E	System 3	EN 13859-1: 2010 EN 13859-2: 2010
Resistance to water penetration: - before and after artificial ageing	Class W1		
Water vapour transmission properties -Water vapour diffusion-equivalent air layer thickness $S_d$	$S_d =$ (0,061 ± 0,01) m		
Tensile strength in longitudinal direction: - before and after artificial ageing	(220 to 360) N/50 mm		
Tensile strength in transverse direction: - before and after artificial ageing	(150 to 275) N/50 mm		
Elongation in longitudinal direction: - before and after artificial ageing	(55 to 100) %		
Elongation in transverse direction: - before and after artificial ageing	(70 to 150) %		
Tear resistance: - longitudinal direction - transverse direction	(120 to 230) N (175 to 280) N		
Flexibility at low temperatures (pliability):	-40°C		

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Revision in Saint Vith on 1<sup>st</sup> December 2017



A handwritten signature in black ink, consisting of several fluid, overlapping strokes that form a cursive-style name.

Lambert Jakobs  
General Manager Aluthermo SA