

## DECLARATION OF PERFORMANCE

According Annex III of the Regulation (EU) No. 305/2011  
amended by Commissions delegated Regulation (EU) No. 574/2014  
No. 003-DoP-2018/02/12 acc. to EN standard 13859-1: 2010 and 13859-2:2010

1. Unique identification code of the product-type:	Roof underlay with insulation Aluthermo Densima
2. Intended use:	Aluthermo Densima is an 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 resistance	$Z_p > 33000$ ( $\pm 7000$ ) (m <sup>2</sup> .s.Pa)/kg		
- Top layer	$S_d = 0,061$ m		
- Bottom layer	$Z_p = 33753.10^9$ m <sup>2</sup> .s.Pa/kg		
Tensile strength in longitudinal direction: - before and after artificial ageing	340 ( $\pm 13$ ) N/50 mm		
Tensile strength in transverse direction: - before and after artificial ageing	515 ( $\pm 10$ ) N/50 mm		
Elongation in longitudinal direction - before and after artificial ageing	44 %		
Elongation in transverse direction: - before and after artificial ageing	24 %		
Tear resistance: - longitudinal direction - transverse direction	340 N ( $\pm 6$ ) 415 N ( $\pm 10$ )		
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:

In Saint Vith on 6 March 2023



Lambert Jakobs  
General Manager Aluthermo SA

