

Aluthermo®-Declaration of Performance

Aluthermo MF Pro Breather

DECLARATION OF PERFORMANCE

According Annex III of the Regulation (EU) No. 305/2011
amended by Commissions delegated Regulation (EU) No. 574/2014
No. 012-DoP-2023/10/01 acc. to EN standard 13859-1: 2010 and 13859-2: 2010

1. Unique identification code of the product-type:	Aluthermo MF Pro Breather
2. Intended use:	Aluthermo MF Pro Breather 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 System 4 (for reaction to fire)
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 F	System 4	
Resistance to water penetration: - before and after artificial ageing	Class W1	System 3	EN 13859-1: 2010 EN 13859-2: 2010
Water vapour transmission properties -Water vapour diffusion-equivalent air layer thickness S_d	$S_d = (1.88 \text{ m} \pm 0.16) \text{ m}$		
Tensile strength in longitudinal direction: - before and after artificial ageing	$(570 \pm 15) \text{ N/50 mm}$		
Tensile strength in transverse direction: - before and after artificial ageing	$(440 \pm 12) \text{ N/50 mm}$		
Elongation in longitudinal direction: - before and after artificial ageing	$(13.5 \% \pm 0.7) \%$		
Elongation in transverse direction: - before and after artificial ageing	$(10.4 \% \pm 1.0) \%$		
Resistance to tearing by nail shank - longitudinal direction	$(535 \pm 13) \text{ N}$		
- transverse direction	$(515 \text{ N} \pm 16) \text{ N}$		
Flexibility at low temperatures	NPD		
Dangerous substances	The product does not release any dangerous substances		

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 Lambert Jakobs in Saint Vith, Belgium on 13. March 2024

Effective. Thin. Easy to install.

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