



Declaration of Performance

Nr. 03.02.84.07.13.01

1. Product

Unique identification code of the product-type

Kalzip Vapour layer FR

2. Type

Batch or serial number or any other element allowing identification of the construction product as required

(Lot Nr.: see Roofing imprint)

3. Intended use

One-sided self-adhesive, Low Thermal Load Vapour layer made of tear-resistant reinforced aluminium laminated film. Meets requirements to DIN 18234 "Structural Fire Protection of large Roofs"

4. Name of the manufacturer

**Kalzip GmbH
August-Horch-Str. 20-22 D-56070 Koblenz**

5. Name of the agent

N/A

6. System of Assessment

System 3

7. Notifying Body

0761

The notified body number 0761 who made the type testing of the product by the system 3 and issued an audit report (Report No.: 5309/049/08-5)

8. Technical evaluation point

In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

N/A

9. Declared performance

Technical characteristics	Testing Method	Performance	Technical specification
Reaction to fire	EN 13501-1	Class E	EN 13984:2005
Water vapour transmission	EN 1931 (B)	Sd > 1500 m	
Tensile strength in the Longitudinal strength Transverse strength	EN 12311-2 (A)	x=255 N/50mm ± 10% x=522 N/50mm ± 10%	
Elongation in the Longitudinal strength Transverse strength	EN 12311-2 (A)	x=20,8 N/50mm ± 10% x=27,6 N/50mm ± 10%	
Joint shear resistance	EN 12317-2	x=421 N/50mm ± 10%	
Resistance to impact	EN 12691 (A)	Pass	
Tear resistance longitudinal transversal	EN 12310-1	x=69,9 N ± 20% x=76,6 N ± 20%	
Durability of water tightness with simulated ageing	EN 1296/EN 1931	Pass	
Durability of water tightness under the chemical influence	EN 13984	Pass	
Water tightness	EN 1928 (A/B)	Pass	
Straightness	EN 1848-2	X=35 mm/10 m	

x = average; Sd= diffusion equivalent thickness of air layer

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Volker Sauerbrei

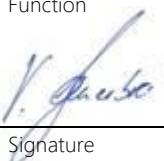
Name

Manager HR/H&S/QA

Function

Koblenz, 01.11.2018

Date of issue



Signature