



Declaration of performance

Nr. btf-13-2209-DS-SK

1. Product

Unique identification code of the product type

Kalzip Vapour Layer FR

EN 13984:2013-05

2. Type

Type batch or serial number or any other element allowing identification of the construction product

Chargennummer: siehe Verpackung des Produktes

3. Intended use or uses of the construction product

Vapor barrier with low fire load on flat roof structures, which are legally required to meet higher fire protection requirements

4. Name of the manufacturer

Kalzip GmbH

August-Horch-Str. 20-22 D-56070 Koblenz

5. Name of the authorized representative

N/A

6. System of assessment and verification of consistency of performance

System 3

7. Notified body

0761

The notified body, MPA Braunschweig, created the CE report no.: 5191/526/13 A).

8. European Technical Institute

in case of declaration of performance concerning a construction product covered by harmonized standard:

N/A

9. Declared performance

Essential characteristics	Harmonized technical specification	Performance
Reaction to fire	EN 13501-1	class E
Resistance to water	EN 1928 procedure A	Penetration passed

Essential characteristics	Harmonized technical specification	Performance
Behavior Tensile strength tear resistance/max. force longitudinal tear resistance/max. force transverse	EN 12311-2	≥ 300 N/50 mm ≥ 200 N/50 mm
Behaviour Elongation Tear elongation / Elongation at max. Tensile Strength longitudinal max. Tensile Strength transverse	EN 12311-2	≥ 20% ≥ 20%
Tear resistance (Nail shaft) longitudinal transverse	EN 12310-1	≥ 70 N ≥ 80 N
Durability of water tightness against artificial ageing chemical ageing (Alkaliwiderstand)	EN 1296 / EN 1928 procedure A EN 1847 / EN 1928 procedure A	passed passed
Shear resistance of joints	EN 12317-2	≥ 150 N/50 mm
Resistance to impact	EN 12691	procedure B 150 mm, tight
Resistance to static forces	EN 12730 procedure B	procedure B 20 kg, tight
Length	EN 1848-2	50 m ± 2%
Width	EN 1848-2	1500 mm ± 2%
Thickness	EN 1849-2	0,35 mm ± 0,05 mm
Mass per unit area	EN 1849-2	150 g/m ² ± 15%
Water vapour transmission	EN 1931	S _D > 1500 m
Straightness	EN 1848-2	passed

X = average; s_d = 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 the manufacturer and on behalf of the manufacturer by

Volker Sauerbrei

Name

Manager HR/QA/Technical

Function

Koblenz, 24.05.2022

Location / Date

Signature

