

CE Declaration of performance 01 170 41

EN 13956: 2012 | 14 | 1343 and EN 13967: 2017 | 14 | 1343

Rhepanol® hfk

1. Product Type

Unique identification code of the product-type:

Rhepanol hfk

2. Type

batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Rhepanol hfk 1.5 mm + fleece backing
(lot nr. see packaging)

3. Intended use

or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Homogeneous synthetic roof waterproofing sheet based on polyisobutylene (PIB) with fleece backing according to EN13956/ EN 13967.

Synthetic roofing membrane for all application methods (mechanically fastened, bonded, ballasted or green roofs), as well as waterproofing membrane used in the area of building waterproofing. For installation, the application guidelines of the manufacturer have to be observed.

4. Name, registered trade name

or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Rhepanol®
FDT Flachdach Technologie GmbH
Eisenbahnstraße 6–8, 68199 Mannheim, Germany

5. Contact Address

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not relevant (see 4)

6. AVCP

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V

System 2+

7. Notified body (hEN)

In case of the declaration of performance concerning a construction product covered by a harmonised standard:

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Notified factory production control certification body No. 1343 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

8. Notified body (ETA)

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

Not relevant (see 7)

9. Declared performance (Harmonised technical specification EN 13956: 2012 and EN 13967: 2017)

Essential characteristics	Performance	Test Standard
Water tightness	≥ 400 kPa/72 h	DIN EN 1928 (B)
External fire performance	Broof (t1) <small>Testing according DIN CEN/TS1187 with different roof build-ups. Testing reports can be requested separately.</small>	DIN CEN/TS 1187
Reaction to fire	Class E	DIN EN 13501-1
Joint peel resistance	≥ 150 N/50 mm	DIN EN 12316-2
Joint shear resistance	≥ 200 N/50 mm (tear off outside the joint seam)	DIN EN 12317-2
Tensile strength	≥ 400 N/50mm	DIN EN 12311-2 (A)
Elongation	≥ 50 %	DIN EN 12311-2 (A)
Resistance to impact rigid substrate flexible substrate	≥ 700 mm ≥ 3,500 mm	DIN EN 12691 (A/B)
Tear resistance	≥ 150 N	DIN EN 12310-2
Dimensional stability	≤ 1 %	DIN EN 1107-2
Resistance to root penetration	root- and rhizome-resistant	FLL DIN EN 13948
Foldability at low temperature	≤ -50 °C	DIN EN 495-5
UV exposure	Class 0 (5,000 h)	DIN EN 1297
Hail resistance rigid substrate flexible substrate	≥ 25 m/s ≥ 35 m/s	DIN EN 13583
Water vapour property μ	≥ 160,000 ± 30 %	DIN EN 1931 (B)
Nail shank tear resistance	≥ 300 N	DIN EN 12310-1
Durability of water tightness against ageing	passed	DIN EN 1296 (96 d) DIN EN 1928 (B) (24 h/60 kPa)
Durability of water tightness against chemicals	passed	DIN EN 1847 (28 d/+23 °C) DIN EN 1928 (B) (24 h/60 kPa)
Resistance to static load	≥ 20 kg	DIN EN 12730 (A/B)
Chemical resistance	passed (List annex C from DIN EN 13956)	DIN EN 1847
Behavior when exposed to bitumen	passed	DIN EN 1548
Dangerous substances	see footnote ¹⁾	–

¹⁾ European harmonised standards for testing methods do not exist, therefore the testing and declaration for the release of substances must be obtained in regards of national regulations/requirements

10. Declaration

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:



Manuel Steinbacher, Managing Director
Mannheim, 06.07.2023

Ecology, Health and Safety Information

A Safety Data Sheet following EC-Regulation 1907/2006, Article 31 is not needed to bring the product to the market, to transport or to use it. The product does not damage the environment when used as specified.

REACH

European Community Regulation on chemicals and their safe use (REACH: EC 1907/2006)

This product is an article within the meaning of Regulation (EC) No. 1907/2006 (REACH). Based on our current knowledge, Rhepanol hfk does not contain any substances in concentrations above 0.01 (w/w), that were published in Annex XIV or Annex XVII of the REACH regulation or on the candidate list of the European Chemicals Agency (ECHA).

FDT legal notice

We refer emphatically to the fact, that all details mentioned, especially the application and utilization recommendation for the products and their system accessories, have been developed under normal conditions, and based on our knowledge and experience. Appropriate storage and usage of the products are assumed. A warranty or reliability of a finished project cannot be deduced because of varying materials, substrates and differing work conditions, neither by any indications nor from verbal statements, irrespective of any legal positions. For the possible accusation, FDT acted intentionally or grossly negligent, the user has to supply evidence, that he provided FDT with all information and details, necessary for an appropriate and correct evaluation through FDT in written form, immediately available and complete. The user himself is responsible to control that the products are suitable for the given application. It is FDT's right to change product specifications without notice. Property rights of third parties are to be considered. In addition our particular sales- and delivery terms are valid. Obligatory is the latest version of our product datasheet, which can be requested directly through FDT.

All information as well as all technical and drawing data comply with current technical standard and is based on our experience.

National standards and regulations must be observed. Technical changes reserved.

Further Information:

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