

CE Declaration of performance 01 15 110 120

Rhepanol® hg

1. Product Type

Unique identification code of the product-type: **Rhepanol hg**

2. Type

batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Rhepanol hg 1.5 mm + 1.8 mm**
(lot nr. see packaging)

3. Intended use

or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: Glass fleece reinforced flexible synthetic roof waterproofing membrane based on polyisobutylene (PIB) according to EN 13956:2012 / EN 13967:2012.

As sealing of green, graveled or used roofs. The waterproofing membrane are also used in the area of building waterproofing.

4. Name, registered trade name

or registered trademark 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 harmonized standard: **0761**
Notified factory production control certification body No. 0761 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 13967:2012)

| Essential characteristics | Test Standard | Performance |
|---|---|---|
| Reaction to fire | DIN EN 13501-1 | Class E |
| Water vapor property μ | DIN EN 1931 (B) | $\geq 160,000 \pm 30\%$ |
| Tensile strength | DIN EN 12311-2 (B) | $\geq 4 \text{ N/50mm}^2$ |
| Elongation | DIN EN 12311-2 (B) | $\geq 400\%$ |
| Joint peel resistance | DIN EN 12316-2 | $\geq 150 \text{ N/50 mm}$ |
| Joint shear resistance | DIN EN 12317-2 | $\geq 200 \text{ N/50 mm}$ (tear off outside the joint seam) |
| Resistance to impact rigid substrate flexible substrate | DIN EN 12691 (A/B) | $\geq 700 \text{ mm}$ $\geq 2,000 \text{ mm}$ |
| Resistance to static load | DIN EN 12730 (B) | $\geq 20 \text{ kg}$ |
| Hail resistance rigid substrate flexible substrate | DIN EN 13583 | $\geq 20 \text{ m/s}$ $\geq 30 \text{ m/s}$ |
| Tear resistance | DIN EN 12310-2 | $\geq 90 \text{ N}$ |
| Nail shank tear resistance | EN 12310-1 | $\geq 150 \text{ N}$ |
| Resistance to root penetration | FLL DIN EN 13948 | root- and rhizome-resistant |
| Dimensional stability | DIN EN 1107-2 | $\leq 0.5\%$ |
| Foldability at low temperature | DIN EN 495-5 | $\leq -60 \text{ }^\circ\text{C}$ |
| Behavior when exposed to bitumen | DIN EN 1548 | passed |
| Chemical resistance | DIN EN 1847 | passed |
| UV exposure | DIN EN 1297 | Class 0 (5,000 h) |
| Water tightness | DIN EN 1928 (B) | $\geq 400 \text{ kPa/72 h}$ |
| Durability of water tightness against ageing | DIN EN 1296 (96 d) DIN EN 1928 (B) (24 h/60 kPa) | passed |
| Durability of water tightness against chemicals | DIN EN 1847 (28 d/+ 23 °C) DIN EN 1928 (B) (24 h/60 kPa) | passed |
| 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 above is in conformity with the set of declared performance/s. 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:



Stevan Živković
CEO Roofing & Waterproofing Europe & Asia
Mannheim, 5th January 2026

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 hg does not contain any substances in concentrations above 0,1 % (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

Disclaimer:

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 that FDT acted intentionally or grossly negligent, the user has to supply evidence that they 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 is responsible for ensuring 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. The latest version of our product data sheet is obligatory, which can be requested directly through FDT. All information as well as all technical and drawing data comply with current technical standards and are based on our experience. National standards and regulations must be observed.

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