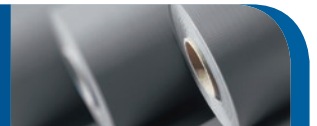


## Data sheet

### Rhenofol® C



<b>Product name:</b>	<b>Rhenofol® C</b>
<b>Application type acc. to DIN/TS 20000-202:</b>	BA PVC-P-NB-1.5
<b>Manufacturer/supplier:</b>	FDT Flachdach Technologie GmbH Eisenbahnstraße 6-8 68199 Mannheim Germany
<b>Production plant:</b>	Mannheim
<b>Type of application:</b>	As a seal in the area of building waterproofing. For the installation, the application guidelines of the manufacturer have to be observed.
<b>FPC certificate no.:</b>	0761-CPR-1069
<b>European standard:</b>	EN 13967:2012
<b>Product description:</b>	Homogeneous PVC-P roofing membrane that is not compatible with bitumen.
<b>Standard membrane dimensions:</b>	15 m x 1.03 m x 1.5 mm

**Rhenofol® C**  
**BA PVC-P-NB-1.5**

Essential characteristics	Performance	Test Standard
Reaction to fire	DIN EN 13501-1	Class E
Water vapour property $\mu$	DIN EN 1931 (B)	$\geq 18,000 \text{ } +/ - 30 \%$
Tensile strength	DIN EN 12311-2 (B)	$\geq 10 \text{ N/mm}^2$
Elongation	DIN EN 12311-2 (B)	$\geq 250 \%$
Joint shear resistance	DIN EN 12317-2	$\geq 600 \text{ N/50 mm}$
Resistance to impact rigid substrate flexible substrate	DIN EN 12691 (A/B)	$\geq 600 \text{ mm}$ $\geq 600 \text{ mm}$
Resistance to static load	DIN EN 12730 (A/B)	$\geq 20 \text{ kg}$
Tear resistance	DIN EN 12310-2	$\geq 300 \text{ N}$
Dimensional stability	DIN EN 1107-2	$\leq 2.0 \%$
Nail shank tear resistance	DIN EN 12310-1	$\geq 300 \text{ N}$
Resistance against root penetration	FLL DIN EN 13948	passed
Foldability at low temperature	DIN EN 495-5	$\leq -30 \text{ }^\circ\text{C}$
Durability of water tightness against chemicals	DIN EN 1847 (28 d/+ 23 °C) DIN EN 1928 (B) (24 h/60 kPa)	passed
Durability of water tightness against ageing	DIN EN 1296 (96 d) DIN EN 1928 (B) (24 h/60 kPa)	passed
Water tightness	DIN EN 1928 (B)	$\geq 400 \text{ kPa/72 h}$
Dangerous substances	see footnote <sup>1)</sup>	

<sup>1)</sup> 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

## Product information

### Rhenofol C

Rhenofol C is a waterproofing membrane made of soft polyvinyl chloride (PVC-P) DIN EN 13967, not bitumen-compatible (NB), application type DIN/TS 20.000-202BA/MSB - nQ. Due to the excellent material properties, Rhenofol C waterproofing membranes can be laid in a single layer. The seam overlaps can be closed practically by solvent or hot air welding.

### Material characteristics

- Roofing membrane according to DIN EN 13967
- Weather-resistant
- Resistant to UV radiation
- Root- and rhizome-resistant according to the FLL method and DIN 13948, tested on 1.5 mm thick waterproofing membranes
- Reaction to fire: class E according to DIN EN 13501-1.
- Resistant to common industrial and heating exhaust gases
- Outstanding resistance to natural ageing

Not resistant to:

Bitumen and tar-containing materials; organic solvents such as benzene, toluene, hydrogen chlorides; fats, oils such as oily cements and forming oils. Not compatible with rigid polystyrene foam.

### Quality assurance

Rhenofol C is subject to constant quality control through internal and external monitoring. The internal quality assurance system of the entire company is certified in accordance with DIN EN ISO 9001, the world's strictest quality standard, and is regularly audited by TÜV SÜD Management Service GmbH.

### Range of application

For building waterproofing and for detailing Rhenofol CV/CG roofing membranes.

### Storage conditions

- The roofing membranes retain their product properties in unopened and undamaged original packaging
- Store material in original packaging until processing
- Carefully reseal opened packaging units when storing outdoors
- Store rolls horizontally only
- Protect rolls from direct sunlight, rain and snow

### FDT legal notice

We refer emphatically to the fact, that all details mentioned, especially the application and utilisation 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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