

CE Data sheet

FDT vapour control layer Rhepanol



Product name:	FDT vapour control layer Rhepanol
Manufacturer/supplier:	FDT Flachdach Technologie GmbH Eisenbahnstraße 6–8 68199 Mannheim Germany
Production plant:	Mannheim
Type of application:	These membranes are used as vapour control layer in mechanically fastened or loose-laid layer build-ups with ballast. For the installation the application guidelines of the manufacturer have to be observed.
FPC certificate no.:	1213-CPD-76248/07-V-P1 1508-CPD-KB-Hoch-090418
FPC issue of certification:	08, 09
European standard:	DIN EN 13984/DIN EN 13501-1
Product description:	Vapour control layer made of polyethylene
Standard membrane dimensions:	4 m x 25 m x (nominal thickness) 0.40 mm

FDT Dampfsperre Rhepanol

Properties	EN standard	Results
Thickness	EN 1849-2	0.40 mm
Width	EN 1849-2	4 m
Length	EN 1849-2	25 m
Water tightness	DIN EN 1928 (A) (2 kPa, 24 h)	tight
Tensile strength	DIN EN 12311-2 (A)	≥ 100 N/50 mm
Elongation at break	DIN EN 12311-2 (A)	≥ 700 %
Resistance to impact	DIN EN 12691 (A)	≥ 450 mm
Nail shark tear resistance	DIN EN 12310-1	≥ 140 N
Water vapour property μ	DIN EN 1931	≥ 400,000
Water vapour diffusion equivalent air layer thickness s_d	DIN EN 1931	≥ 160 m (s_d -value)
Reaction to fire	DIN EN ISO 11925-2 DIN EN 13501-1	class E

Product information

FDT vapour control layer Rhepanol

This layer is made of polyethylene foil (PE) and works as diffusion-blocking layer, according to DIN 4108, Part 3.

Characteristics

- Diffusion-blocking
- Good stability characteristics
- Reaction to fire: class E according to DIN EN 13501-1
- Compatible with bitumen
- Not resistant to UV radiation

Range of application:

- For non-conditioned rooms (e.g. living rooms and offices or similar rooms without suspended ceiling)
- In mechanically fastened and loose-laid layer build-ups with Rhepanol hg or hfk

FDT legal notice

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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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