

Homeseal LDS 0.02 UV FixPlus

www.knaufinsulation.rs

Vapour permeable and waterproof foil
with UV protection and integrated adhesive tape



Product description

Homeseal LDS 0.02 UV FixPlus is a two-layer UV resistant foil consisting of polyacryl film and non-woven, polyester fabric. Special design of Homeseal LDS 0.02 UV FixPlus foil provides exceptional vapour permeability and excellent protection against rainwater and wind.

HOMESEAL[®] SYSTEM

Vapour permeable and waterproof foils

- HOMESEAL LDS 0.02
- HOMESEAL LDS 0.04 FIXPLUS
- HOMESEAL LDS 0.02 UV FIXPLUS**

Vapour barrier foils

- HOMESEAL LDS 5
- HOMESEAL LDS 35
- HOMESEAL LDS 35 FIXPLUS**
- HOMESEAL LDS 200 ALUPLUS

Adhesive tapes

- HOMESEAL LDS SOLIFIT-1
- HOMESEAL LDS SOLIFIT-2

Insulation

- KNAUF INSULATION MINERAL WOOL

TECHNICAL CHARACTERISTICS

Standard	EN 13859
Surface weight (EN 1849-2)	210 g/m ² (± 20)
Reaction to fire (EN 13501-1)	B
Waterproof properties after artificial ageing (EN 13859-1)	W1
Vapour permeability, Sd value (EN ISO 12572)	0.04 m (± 0.02)
Tensile strength before artificial ageing (EN 12311-2)	300(L) / 200(T) N/50 mm
Tensile strength after artificial ageing (EN 12311-2)	290(L) / 190(T) N/50 mm
Resistance to tearing (EN 12310-2)	120(L) / 120(T) N
Flexibility at low temperature (EN 1109)	-40°C
Resistance to UV radiation	UV resistant
Temperature resistance	-40°C do +100°C
Thickness	0.38 mm (± 0.02)
Roll width	1.5 m
Roll length	50 m
m ² in a roll	75 m ²

L - by length, T - by width

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ADDITIONAL INFORMATION

Application

Used in ventilated façade systems whose final covering has open contact surfaces, of maximum width/height 3cm. It is placed over thermal insulation (on the colder side of thermal insulation), from the bottom up, with overlap min. 10 cm wide.

Instructions for use

Pay attention to the relevant guidelines for installation and information contained in the icons.

Resistance to ageing

Proper installation, using suitable materials, guarantees the durability of the entire system.

Packaging and storage

30 rolls can be placed on a palette and each roll is packaged in Polyethylene foil. Rolls are stored in a horizontal position on a clean, flat surface, not exposed to UV radiation.

Instructions for installation



Contact surfaces between two foils should be sealed 100% with universal adhesive tape, Homeseal LDS SOLIFIT-1



All contact surfaces between foils and other structural elements should be sealed with universal adhesive tape, Homeseal LDS SOLIFIT-1 and double-sided adhesive tape, Homeseal LDS SOLIFIT-2



All openings on the foil should be sealed 100% with universal adhesive tape, Homeseal LDS SOLIFIT-1

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Ref: DS_HSLDS0.02UV_FixPlus_ENG_0219

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