

# Homeseal LDS 0.04 UV

Vapour permeable and waterproof foil with UV protection



- ① Homeseal LDS 0.02
- ② Homeseal LDS 0.04
- ③ **Homeseal LDS 0.04 UV**
- ④ Knauf Insulation Mineral Wool
- ⑤ Homeseal LDS 200, LDS 35 or LDS 5 SILK
- ⑥ Homeseal LDS SOLIFIT
- ⑦ Homeseal LDS SOLIFIT 2

## Product description

Homeseal LDS 0.04 UV is a two-layer UV resistant foil consisting of polyacryl film and non-woven, polyester fabric. Special design of Homeseal LDS 0.04 UV foil provides exceptional vapour permeability and excellent protection against rainwater and wind.

## Technical properties

Standard	EN 13859
Surface weight (EN 1849-2)	210 g/m <sup>2</sup> (± 20)
Reaction to fire (EN13501-1)	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 to + 100°C
Thickness	0.38 mm (±0.02)
Roll width	1.5 m
Roll length	50 m
m <sup>2</sup> in a roll	75 m <sup>2</sup>

L - by length, T - by width

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### 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.

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[www.knaufinsulation.gr](http://www.knaufinsulation.gr)

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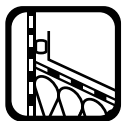
 [www.twitter.com/KIGreece](https://www.twitter.com/KIGreece)

 [www.youtube.com/user/KnaufInsulationGR](https://www.youtube.com/user/KnaufInsulationGR)

### Instructions for installation



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



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

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