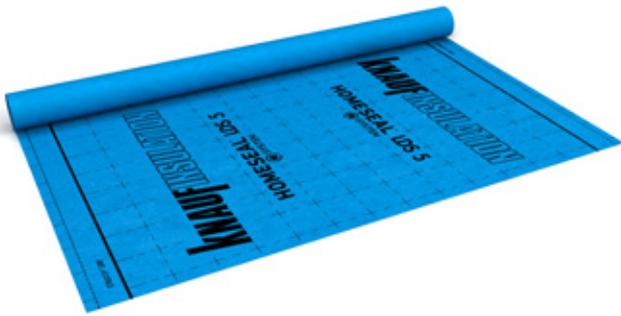


## HOMESEAL LDS 5

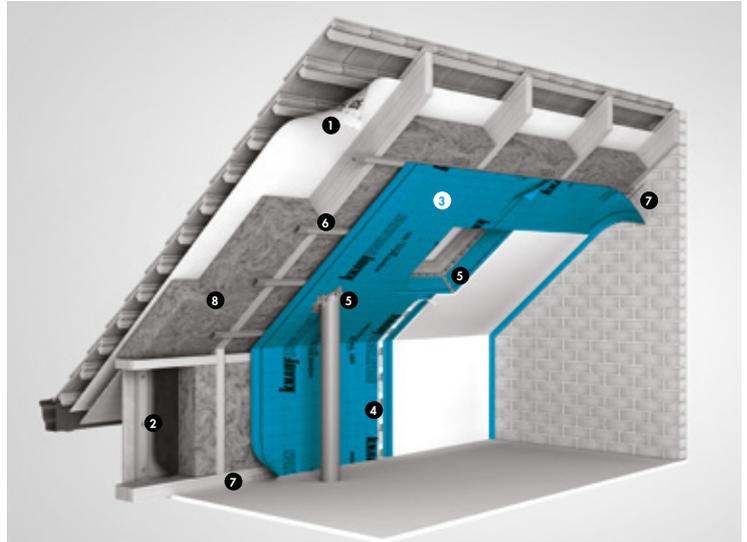
[www.knaufinsulation.com](http://www.knaufinsulation.com)

### VAPOUR CONTROL LAYER (VCL)



### PRODUCT DESCRIPTION

Vapour control membrane is made of two layers, reinforced spunbond polypropylene sheet and a film with an Sd value of 5 m, compliant with EN 13984.



HOMESEAL<sup>®</sup> SYSTEM

#### Weather membranes

- HOMESEAL LDS 0.02
- ① HOMESEAL LDS 0.04
- HOMESEAL LDS 0.04 FIXPLUS
- ② HOMESEAL LDS 0.02 UV
- HOMESEAL LDS 0.02 UV FIXPLUS

#### Vapour control layers

- HOMESEAL LDS 2
- HOMESEAL LDS 5
- HOMESEAL LDS 35
- HOMESEAL LDS 40
- ③ HOMESEAL LDS 100
- HOMESEAL LDS 100 ALUPLUS
- HOMESEAL LDS 200 ALUPLUS
- HOMESEAL LDS FLEXPLUS

#### Tapes and sealants

- ④ HOMESEAL LDS SOLUPLAN
- ⑤ HOMESEAL LDS SOLIFIT-1
- ⑥ HOMESEAL LDS SOLIFIT-2
- ⑦ HOMESEAL LDS SOLIMUR 310

#### Insulation

- ⑧ KNAUF INSULATION MINERAL WOOL

### SPECIFICATIONS

Water vapor permeability; Sd value (EN ISO 1931)	5 m (+ 3 m)
General Product Standard	EN 13984
Certification	Declaration of Performance
Weight per unit area (EN 1849-2)	Approx. 120 g/m <sup>2</sup> (± 10 g/m <sup>2</sup> )
Reaction to fire (EN 13501-1)	E
Water tightness (EN 1928)	Pass
Tensile Strength (EN 12311-2)	150 (L) / 130 (T) N/50 mm
Tear resistance (EN 12310-2)	100 (L) / 110 (T) N
Roll width	1.5 m
Roll length	50 m
m <sup>2</sup> /roll	75 m <sup>2</sup>

## HOMESEAL LDS 5

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

### ADDITIONAL INFORMATION

#### Applications

For use as a vapour control layer and air tight membrane in timber frame construction. Designed to be used in combination with the components of the Homeseal system. For use as a vapour control layer especially in case of renovation from the outside of a pitched roof. Can also be used as a vapour control layer when working from the inside.

#### Resistance of the material combinations to ageing

Properly performed adhesions with certified system components are highly resistant to ageing and meet the requirements of ETAG 007 (Guideline for European Technical Approval of timber building kits).

#### Instructions for use

Please observe the relevant installation guidelines and information provided within the packaging guidance icons. In addition, the relevant standards and recognised rules of technology apply.

Homeseal LDS 5 must be installed so that the printed (smooth) side faces the installer and the fleece-coated side faces the rafters. Permanent adhesion is only possible on the printed (smooth) side.

#### Storage

Rolls should be stored on a pallet and protected from direct sunlight, rain and snow. Do not stack pallets or rolls during transport or storage.

### APPLICATION GUIDELINES



The building must be ventilated to ensure relative humidity stays below 75% during fitting.



Apply staples at a distance of 10-15 cm



Place Homeseal LDS Solifit-2, 2-sided adhesive tape, before applying the membrane



Place the Homeseal LDS Soliplan, 1-sided adhesive tape, to seal the overlap



Always apply the membrane across the bearing elements



Use some pressure to ensure the proper adhesion of the tape on the membrane



Place the membrane with a 10 cm overlap



Create airtight connections between Homeseal membranes and construction elements with Homeseal LDS Solimur glue



Use staples size 8/10



Apply Homeseal LDS Solifit-1 tape for closing the gap between ducts and membranes



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97346 Iphofen  
Germany

EN 13984:2013

Flexible sheet for vapour control  
Homeseal LDS 5

ABLD55CPR  
[dopki.com/ABLD55](http://dopki.com/ABLD55)

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## ART.: 613963

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care.