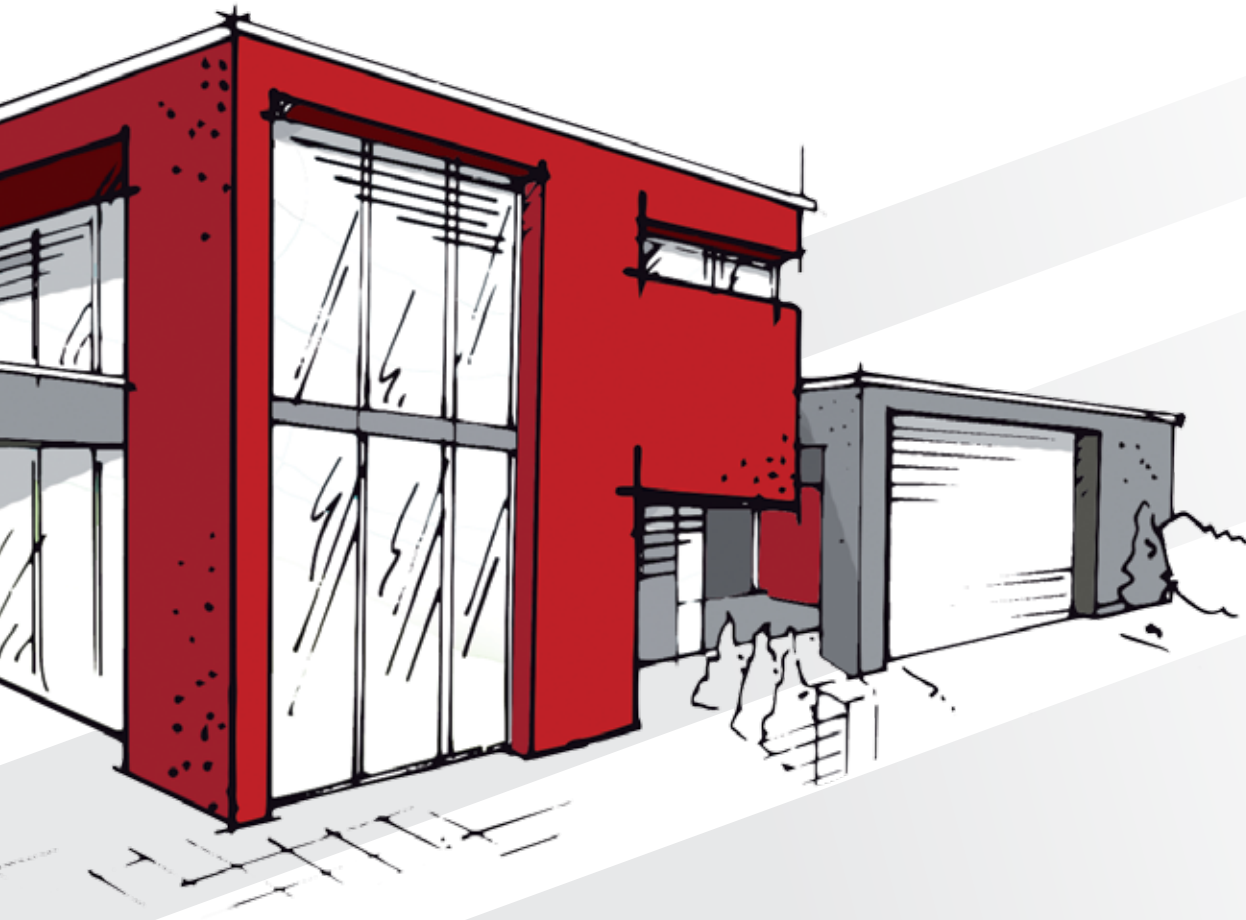


## :: Products & **Systems**



SUSTAINABLE INSULATION



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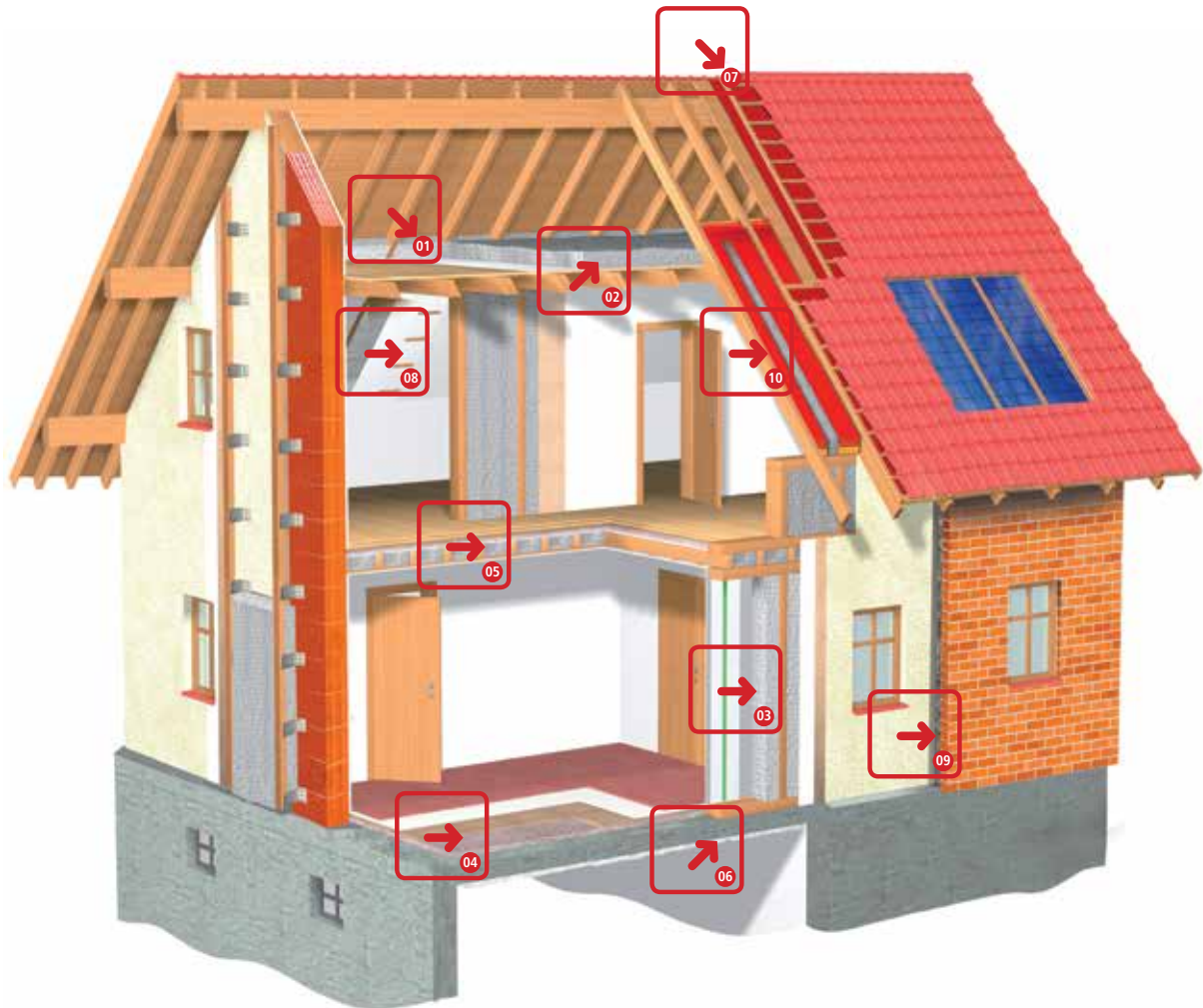
**THERMOFLOC cellulose insulation developed by Peter Seppel Gesellschaft m.b.H. more than 20 years ago has now developed into one of Europe's leading brands of sustainable insulation.**

The THERMOFLOC complete insulation system is built on years of experience and comprises cellulose fibre, membranes and tapes all working together to provide the highest levels of performance. Our reputation is based on a European wide network of sales partners and installers all ensuring the highest quality of workmanship and service and all playing a crucial role in the growth of the THERMOFLOC brand. The THERMOFLOC system provides sustainable insulation solutions throughout the building fabric for new building projects including Passivhaus as well as renovation or retrofitting of existing buildings.

NEW  
FORMULA

## THERMOFLOC INSULATION SYSTEMS

### Installation at a Glance



- |                                                                                                                  |                                                                                  |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 01) THERMOFLOC blown-in insulation for insulating between the rafters in the roof                                | 06) THERMOFLOC blown-in insulation sprayed onto the underside of cellar ceilings |
| 02) THERMOFLOC blown-in insulation installed as an open layer to insulate between and over joists in loft spaces | 07) THERMOFLOC breather membrane                                                 |
| 03) THERMOFLOC blown-in insulation for insulating internal walls                                                 | 08) THERMOFLOC vapour control layer for roofs and walls                          |
| 04) THERMOFLOC insulation pellets as a supporting floor substructure                                             | 09) THERMOFLOC blown-in insulation for insulating external walls                 |
| 05) THERMOFLOC loose fill for insulating intermediate floors                                                     | 10) THERMOFLOC THERMOBAG thermal renovation of roof structures                   |

# SUSTAINABLE BLOWN-IN INSULATION

ECOLOGICAL / SEAMLESS / MINIMUM WASTE



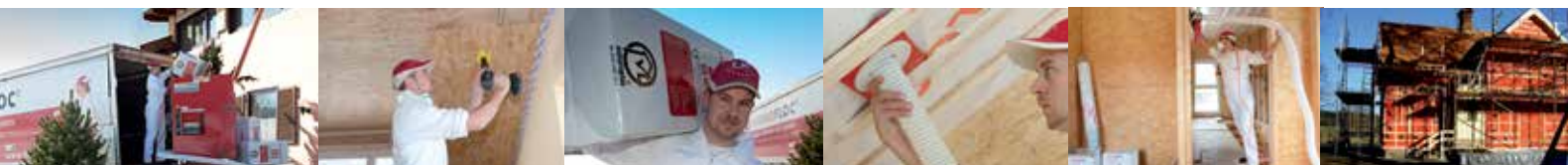
## MORE AND MORE BUILDERS RELY ON THERMOFLOC BLOWN-IN INSULATION

THERMOFLOC is efficient, sustainable and cost effective, three reasons why more and more professionals and end users throughout Europe are making THERMOFLOC their first choice of insulation. Suitable for old and new buildings, THERMOFLOC helps create a comfortable indoor environment all year round whilst at the same time helping reduce your heating costs considerably.

The number of projects specifying THERMOFLOC is growing constantly and thousands of builders are now making THERMOFLOC their insulation of choice.

Results speak for themselves which is why end user satisfaction is being translated into greater use and uptake in the market.

We constantly strive to improve the performance of our insulation to maximise efficiency and ensure our products offer the lowest impact and healthiest choice. The new generation of THERMOFLOC is 100% borate and ammonia free. THERMOFLOC blown-in insulation used in combination with THERMOFLOC vapour control layer, breather membrane and the adhesive products provides a continuous, efficient insulation system that meets the highest quality requirements.



## THERMOFLOC INSULATION SYSTEM Production/Quality Assurance



### **NATUREPLUS® CERTIFIED MARK OF QUALITY AND SUSTAINABILITY CERTIFIED FOR SUSTAINABLE AND HEALTHY CONSTRUCTION!**

THERMOFLOC cellulose insulation is the first blown-in insulation product in Europe to be awarded the coveted Natureplus® mark of quality and sustainability. The Naturplus® independent expert panel rigorously evaluated the environmental, health and technical properties of THERMOFLOC insulation prior to certification. Only sustainable products with a high renewable raw material content can be certified since it has been shown that these materials have a positive effect on the indoor climate.

The strict limits on harmful gas emissions mean using THERMOFLOC helps prevent the emission of harmful gas from insulation within the building fabric as well as minimising the consumption of fossil energy sources. What's more, these strict limits ensure that no adverse effects on health come from THERMOFLOC. The Natureplus® mark also backs up the durability and long service life of the insulation.



### **RATED "VERY GOOD" FOR MANUFACTURING AND QUALITY ASSURANCE**

THERMOFLOC insulation is made from unmixed newspaper with the addition of minerals for preservation and fire protection. The paper is shredded coarsely and then processed into fine, elastic cellulose fibres in a fibre mill.

The finished product is packed into PE bags and palletised. Certified internal and external quality monitoring guarantees that the product meets the highest European quality requirements. This is also documented in a European Technical Approval ETA-05/186.





## BLOWN-IN INSULATION



THERMOFLOC is installed by means of specialist THERMOBLOW blowing machines following THERMOFLOC specifications. The insulation is pumped using hoses under air pressure and filled into voids within the building fabric to create a compacted, uniform and continuous insulation layer.

Our method of installation has considerable advantages for the installer as well as the builder. Benefits include having an uninterrupted insulation layer that is free of thermal bridges. Existing roofs can be insulated later without removing the roof tiles and an insulation layer that is open to diffusion, and ecologically compatible with a cosy atmosphere can be created.



# THERMOFLOC INSULATION SYSTEM

## sustainable & comfortable

● ● ●  
**Roof insulation Wall insulation Ceiling insulation**



A layer of insulation between 20 and 500 mm with a density range between 30 kg/m<sup>3</sup> and 60 kg/m<sup>3</sup> can be created from one single product. This means there is no need to stock different insulation sizes (which is the case for insulation slabs and rolls). The final density of the installed THERMOFLOC insulation varies depending on the area of application.



A precise amount of insulation is blown into the building component for a particular construction keeping waste to a minimum. Site movements are reduced because workers don't have to move insulation around the site by hand.



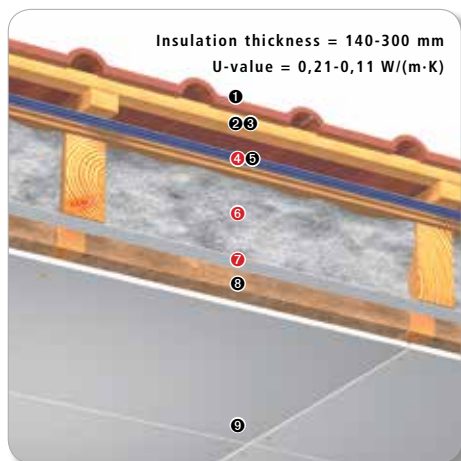
Our powerful blowing machines can transport fibre vertically up many floors making THERMOFLOC a very cost and time efficient system for insulating multi-story buildings.

THERMOFLOC BLOWN-IN INSULATION	
Approval and monitoring	CE ETA-05/0186, Natureplus® 0107-1301-121
Thermal conductivity	$\lambda_0 = 0,039 \text{ W/(m}\cdot\text{K)}$
Water vapour diffusion resistance factor	$\mu = 2,0$
Water absorption	30/60 kg/m <sup>3</sup> 14,5/44,0 kg/m <sup>2</sup> (100 mm)
Flow resistance	6,1 kPa s/m <sup>2</sup>
Fire classification as per EN 13501-1	B-s2,d0
Resistance to mould	Class 0
Metallic corrosion	No potential for metallic corrosion
Hazards to health	Free of hazardous substances as defined by ETA-05/0186

# BLOWN-IN INSULATION

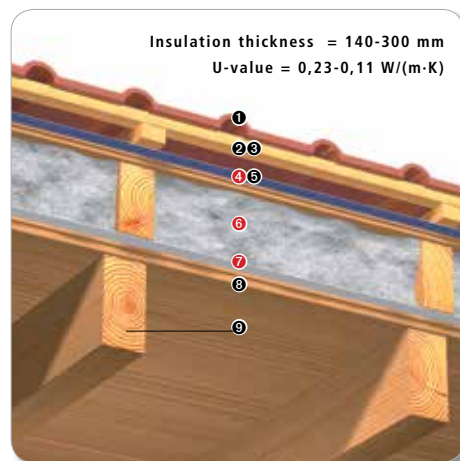


## ROOF



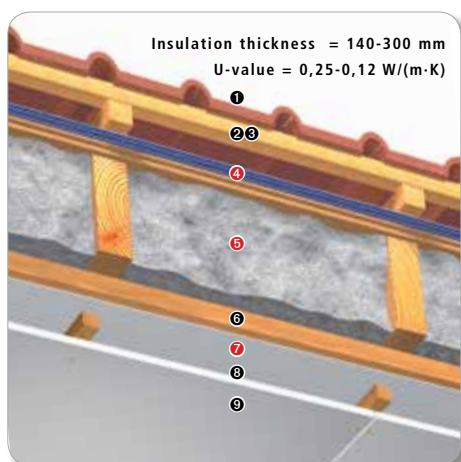
### Roof system D1

- 1 Roof tiles
- 2 Battens
- 3 Counter battens
- 4 THERMOFLOC breather membrane
- 5 Roof sheathing
- 6 Rafters/THERMOFLOC blown-in insulation
- 7 THERMOFLOC vapour control layer
- 8 Battens
- 9 Plasterboard



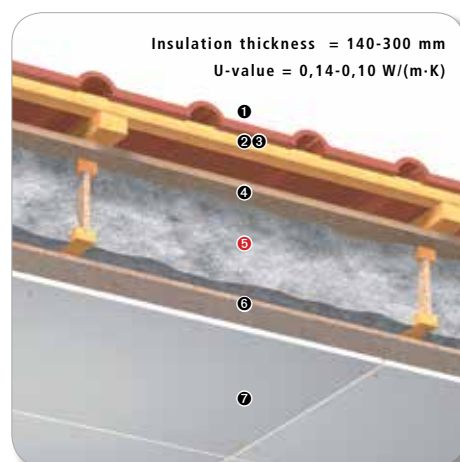
### Roof system D5

- 1 Roof tiles
- 2 Battens
- 3 Counter battens
- 4 THERMOFLOC breather membrane
- 5 Roof sheathing
- 6 Rafters/THERMOFLOC blown-in insulation
- 7 THERMOFLOC vapour control layer
- 8 Fireproof sheathing
- 9 Exposed rafters



### Roof system D2

- 1 Roof tiles
- 2 Battens
- 3 Counter battens
- 4 THERMOFLOC breather membrane
- 5 Rafters/THERMOFLOC blown-in insulation
- 6 Battens 2-6 cm
- 7 THERMOFLOC vapour control layer
- 8 Battens
- 9 Plasterboard



### Roof system D7

- 1 Roof tiles
- 2 Batten 4/5
- 3 Counter batten 5/8
- 4 Bitumen soft fibreboard
- 5 Double web I-Beam/THERMOFLOC blown-in insulation
- 6 Plywood/OSB
- 7 Plasterboard



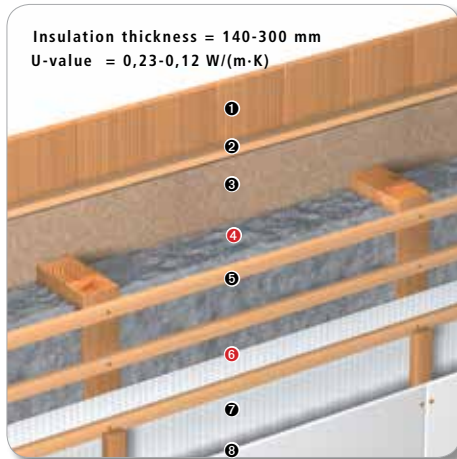
# WORKING WITH THERMOFLOC

## Better insulation, step by step

### Roof insulation Wall insulation

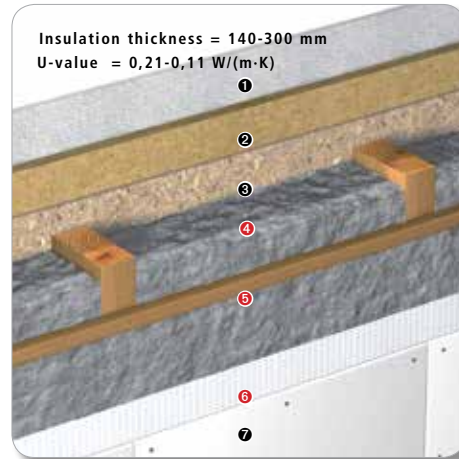


## WALL



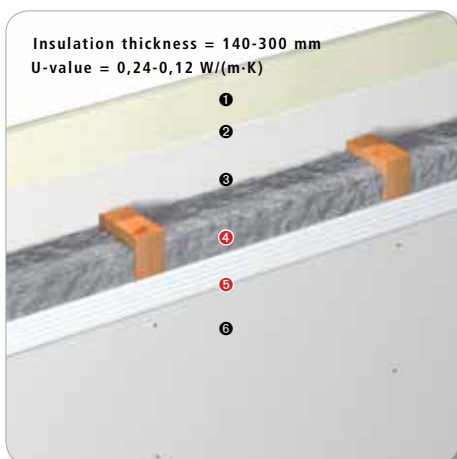
#### Wall system W1

- 1 Timber cladding
- 2 Battens
- 3 Wood fibre insulation board
- 4 Stud/THERMOFLOC blown-in insulation
- 5 Evenly spaced slats
- 6 THERMOFLOC vapour control layer
- 7 Battens
- 8 Plasterboard



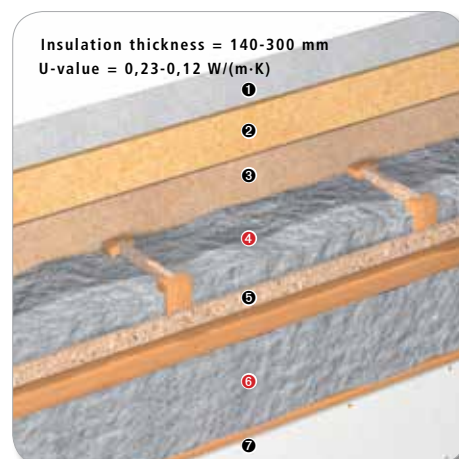
#### Wall system W2

- 1 Cement-lime mortar
- 2 Wood wool lightweight building panel
- 3 OSB/Plywood
- 4 Stud/THERMOFLOC blown-in insulation
- 5 Battens/THERMOFLOC blown-in insulation
- 6 THERMOFLOC vapour control layer
- 7 Gypsum fibreboard



#### Wall system W15

- 1 Gypsum fibreboard
- 2 Gypsum fibreboard
- 3 Gypsum fibreboard
- 4 Stud/THERMOFLOC blown-in insulation
- 5 THERMOFLOC vapour control layer
- 6 Gypsum fibreboard



#### Wall system W10

- 1 Cement-lime mortar
- 2 Wood wool lightweight building panels
- 3 Soft fibreboard
- 4 Stud/THERMOFLOC blown-in insulation
- 5 OSB/Plywood
- 6 Battens/THERMOFLOC blown-in insulation
- 7 Gypsum fibreboard

## SUMMERTIME THERMAL INSULATION



As our summers get hotter, the topic of “summertime thermal insulation” is talked about more and more. Temperatures up to 35°C or more in lofts are no longer unusual in the summer. This means a 100-250 m<sup>2</sup> roof for example can easily reach an extremely high heat output of 300-600 W/m<sup>2</sup>.

Depending on the roof covering, the roof surface temperature can reach 70-90°C. In turn, the heated roof tiles re-radiate part of this heat inwards towards the roof insulation. Through effective use of modern insulating materials with high heat storage capacity such as THERMOFLOC, it is possible to stem this heat flow and prevent overheating of roof spaces.

### **THERMOFLOC CELLULOSE INSULATION HAS A HEAT STORAGE CAPACITY THAT IS 2.5 TIMES HIGHER THAN OTHER CONVENTIONAL INSULATION.**

Compared to mineral insulation, THERMOFLOC blown-in insulation is two to three times denser, increasing the heat storage capacity of the insulation by a factor of 2.5 whilst maintaining a very low thermal conductivity.

Compared to a conventional roof with a vapour barrier, mineral fibre and roof sheathing, roofs insulated with cellulose insulation and wood fibreboard below rafter provide considerably better protection from external heat.

This effect can be seen on the inside of the roof. The less the plasterboard on the inside heats up, the less the inside room heats up as a consequence.

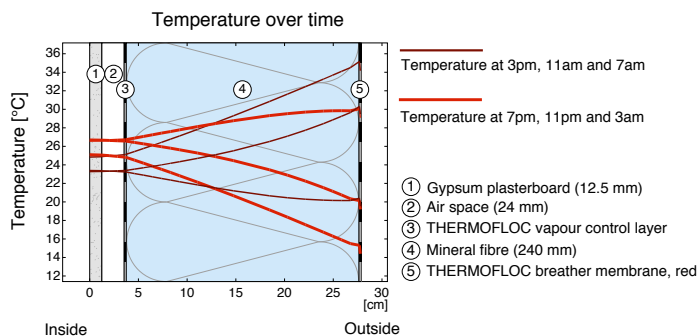
The THERMOFLOC blown-in insulation systems provide a balanced, comfortable and healthy indoor environment all year round.

## PHASE SHIFT comparison

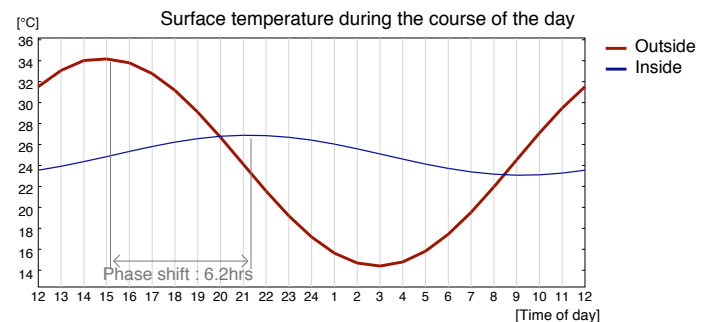
- How long does it take in the summer for heat to penetrate insulation and enter the inside of the house?
- 20 cm mineral wool insulation = 3-4 hours
- 20 cm cellulose insulation = 10-12 hours



### ROOF SYSTEM WITH MINERAL INSULATION

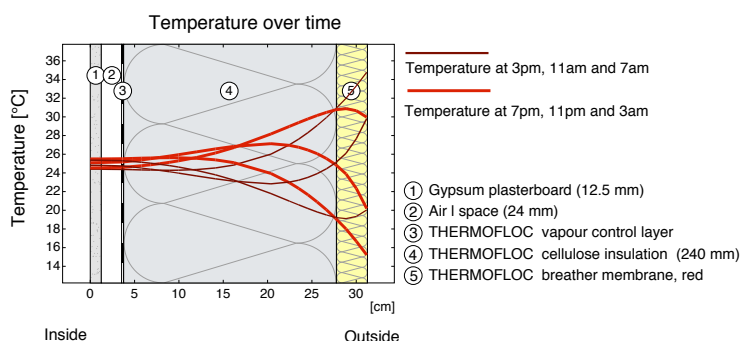


When using mineral insulation, an ambient temperature of 40°C is assumed without taking the heat radiated from the roofing tiles into consideration.

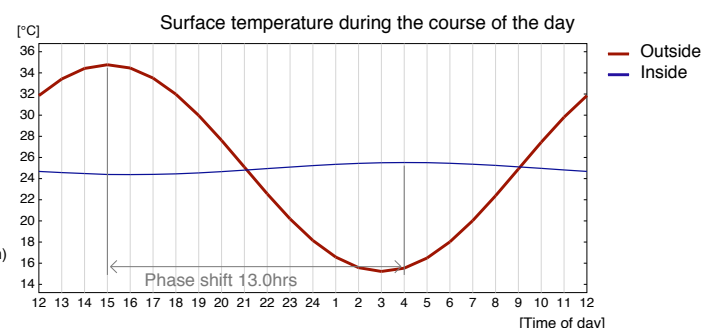


It is shown that the inside temperature of the surface increases by 4.5°C resulting in the interior space warming up. This effect is intensified when heat radiates from the roofing tiles.

### ROOF SYSTEM WITH THERMOFLOC INSULATION



When using THERMOFLOC insulation and a wood fibreboard under rafter, it is calculated that the inside temperature reaches its peak later in the night around 3.00 a.m. This happens because the insulation is absorbing heat during the day. After dark, the insulation layer cools continuously radiating some heat which stabilises



the internal temperature meaning there is only a temperature variation of approx. 1.6°C throughout the entire day. As a result, THERMOFLOC insulation can make an active contribution to summertime heat protection helping reduce the use of air-conditioning systems.

# BLOWING TECHNOLOGY

THERMOFLOC offers 3 types of blowing machines in its product range. These have been designed on the back of decades of experience and have proven themselves to be very reliable and efficient in the blowing of cellulose insulation.

Mechanical relay technology ensures low-maintenance, continuous operation. Accessories and spare parts are available at short notice.



CE



CE



CE

## THERMOBLOW 300-2B

This is a modern, robust and cost-effective blowing machine for THERMOFLOC cellulose insulation. Installation specialists appreciate the short setup times, the ease of handling and performance.

## THERMOBLOW 500

This machine is well suited for companies that want to factory fit insulation faster and cost-effectively. Its durable technology and simple operation as well as its low-maintenance requirements make the THERMOBLOW 500 the perfect partner for the professional insulation installer.

## THERMOBLOW 1000

This is the most powerful blowing machine for THERMOFLOC cellulose insulation and is well suited for construction projects in which a reliable and robust blowing machine is needed to deliver large volumes of insulation quickly and efficiently.



## OPTIONAL ACCESSORIES



**50 m cable reel**  
for radio remote control



**Clamps** for reliable hose connections



**Plastic foam** for sealing the holes



**Air filter**



**Sealing strips**



**Blow-in nozzle**



# THERMOFLOC BLOWN-IN TECHNOLOGY

cost-effective and efficient processing

## Roof insulation Wall insulation Ceiling insulation

	THERMOBLOW 300-2B	THERMOBLOW 500	THERMOBLOW 1000
Processing capacity (max. theoretical processing capacity)	800 kg/h	1.050 kg/h	1.400 kg/h
Radio remote control	100 m	100 m	200 m
Drive motor	1,56 kW	1,56 kW	3 kW
Cable for remote control	60 m	60 m	50 m
Blower	2 x 1,0 kW, 0,30 bar 190 m³/h	2 x 1,5 kW 0,30 bar 450 m³/h	4,0 kW
Rotary feeder	24 x 24 cm	24 x 24 cm	36 x 30 cm
Weight (without accessories)	Approx. 130 kg	Approx. 130 kg	Approx. 350 kg
Dimensions (W x L x H)	660 x 970 x 1.220 mm	660 x 970 x 1.220 mm	1.270 x 1.040 x 1.500 mm
Hose connector	3" / 76 mm	3" / 76 mm	3" / 76 mm
Connected load	230V/16 amp. 1-phase	400V/16 amp. 3-phase	400V/16 amp. 3-phase



**Hose**  
in the sizes 2" - 2.5" - 3"



**Connecting** pieces for  
different hose sizes



**Suction tube**  
(construction site clean-up)

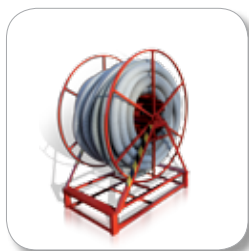


**Suction blower**  
(construction site clean-up)



**Blower**

**Hose reel 100 m**  
Hose reel for about 100 m  
of hose with lock and steel  
pallet to allow the use of a  
forklift for transport



**Pressure hose**  
for water



**Water pump**



**Sprayer set** with  
water connector



**Radio remote control**



**Spare switch**  
for remote control



**Pressure measuring  
device**



**Storz coupling clamps**  
Quick coupling for hoses with  
long hose nozzles – NW 63 mm



**Blow-in needle**

## LOOSE FILL



In contrast to the blown-in insulation, THERMOFLOC loose fill is processed by hand and used exclusively as a non-load bearing insulation for horizontal applications (lofts and between floor joists). In order to ensure better manual processing, the insulation material is less compressed when packed.

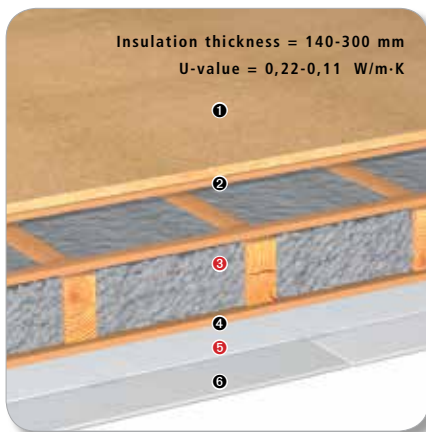
"THERMOFLOC loose fill is available in 12 kg bags. The insulation material is simply broken up until light and fluffy then poured evenly to achieve the desired insulation thickness and then spread to form a level surface. Material consumption is approx. 35-40 kg/m<sup>3</sup>. The technical performance is the same as the blown-in insulation



# THERMOFLOC FLOOR FILLING

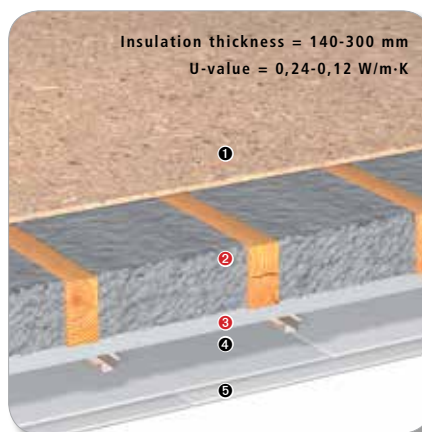
## an all-round comfortable living space climate

### Floor insulation & Ceiling insulation



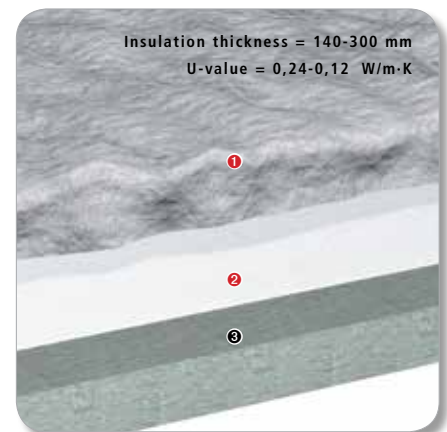
#### Floor construction DB1 Tie-beam insulation

- ❶ Wood wool board
- ❷ Subfloor/plywood
- ❸ Joists/THERMOFLOC blown-in insulation
- ❹ Evenly spaced slats
- ❺ THERMOFLOC vapour control layer
- ❻ Plasterboard



#### Floor construction DB3 Ceiling

- ❶ OSB/Plywood
- ❷ Joists/THERMOFLOC blown-in insulation
- ❸ THERMOFLOC vapour control layer
- ❹ Spring rails
- ❺ Plasterboard, 2-layer



#### Insulation of a concrete floor

- ❶ Beams/THERMOFLOC blown-in insulation
- ❷ THERMOFLOC vapour control layer
- ❸ Concrete slab



THERMOFLOC FLOOR FILLING	
Approval and monitoring	CE ETA-05/0186, Natureplus® 0107-1301-121
Thermal conductivity	$\lambda_D = 0,039 \text{ W/(m·K)}$
Water vapour diffusion resistance factor	$\mu = 2,0$
Water absorption	30/60 kg/m³ 14,5/44,0 kg/m² (100 mm)
Flow resistance	6,1 kPa s/m²
Fire classification as per EN13501-1	B-s2,d0
Resistance to mould	Class 0
Metallic corrosion	No potential for metallic corrosion
Hazards to health	Free of hazardous substances as defined by ETA-05/0186



# INSULATION PELLETS



THERMOFLOC insulation pellets are granules made from cellulose fibres used for floor filling. The granules are 3 to 8 mm in size and are simply poured to the desired depth and then spread to form a level surface. In this way, subfloor constructions can be created quickly with an installation height ranging from 30 mm to 80 mm.

THERMOFLOC insulation pellets are ideally suited as a supporting insulation layer due to the high bulk weight (500 kg/m<sup>3</sup>). What's more, THERMOFLOC insulation pellets provide outstanding sound insulation. No matter whether you have a concrete slab or a wooden beam floor - the insulation qualities of both types of construction can be markedly improved using THERMOFLOC insulation pellets.

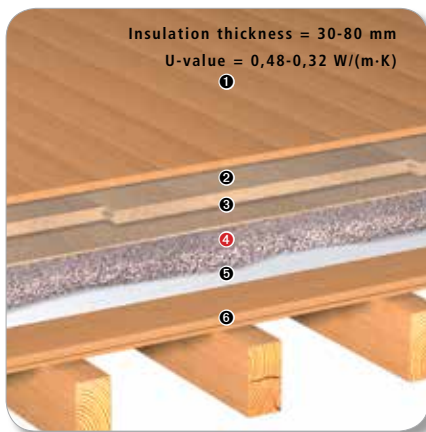




# THERMOFLOC INSULATION PELLETS

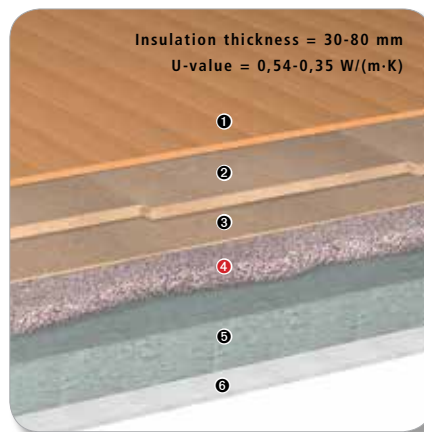
## load bearing sound insulation

### Ceiling insulation & Floor insulation



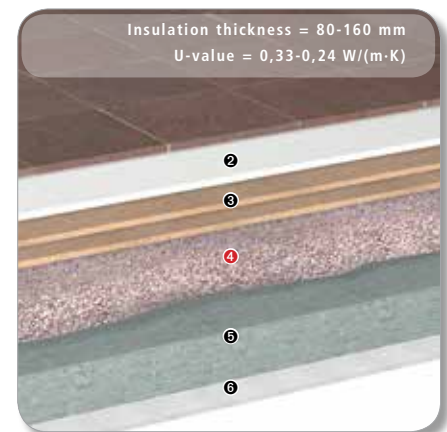
#### Floor construction DB7 Intermediate floor

- ❶ Timber floor board
- ❷ Fibreboard N+F
- ❸ Wooden Fibreboard covering
- ❹ THERMOFLOC insulation pellets
- ❺ Trickle protection
- ❻ Fireproof sheathing



#### Floor construction DB14 Intermediate floor

- ❶ Timber floor board
- ❷ Wooden Fibreboard N+F
- ❸ Wooden Fibreboard covering
- ❹ THERMOFLOC insulation pellets
- ❺ Concrete slab
- ❻ Ceiling plaster



#### Floor construction DB15 Intermediate floor

- ❶ Stoneware/Floor Covering
- ❷ Gypsum fibreboard
- ❸ Softwood fibreboard
- ❹ THERMOFLOC insulation pellets
- ❺ Concrete slab
- ❻ Ceiling plaster



#### THERMOFLOC INSULATION PELLETS

Granule size	3-8 mm
Bulk weight	500 kg/m³
Piled height	80 mm per layer
Fire class	B2
Thermal conductivity	$\lambda_D = 0.07 \text{ W/(m·K)}$
Pressure resistance	6.320 kg with 10% compression
Water vapour diffusion	$\mu = 1$
Material consumption	40 l per m² (40 mm depth) 60 l per m² (60 mm depth)
Delivery form: 40 litre bags.	36 bags = 1.44 m³

## BREATHER MEMBRANE



Roof membranes such as the THERMOFLOC breather membrane, protect the building from driving rain preventing any penetration of moisture into the roof or wall structure. The membrane is UV stable, has a high degree of tear-resistance and is extremely open to vapour diffusion. The breather membrane is installed of the roof supports (rafters) with the upper layer overlapping the one below and secured by concealed

stapling to provide optimal protection against wind and rain. Tiling battens are fixed above the breather membrane which further secures the membrane. Please note that the breather membrane can only be left exposed to the elements for a maximum of three months. The roofing tiles should be put on within two months at the latest.





# THERMOFLOC BREATHER MEMBRANE

premium quality product

## Roof insulation & Roof restoration

**Art. No. 5271**  
(Width 150 cm) white imprint



### Art. No. 5271

Breather Membrane, red	Technical data
Raw material	3-ply polypropylene fibrous lining
Tear strength	250 N / 5 cm
Weight per m <sup>2</sup>	166 g/m <sup>2</sup>
Elongation at tear, long./trans.	> 60 % / 80%
SD value	0,05 m, extremely open to diffusion
Fire class	E
Outdoor exposure	Outdoor exposure max. 3 months
Resistance to water penetration	Class W1
Nail pull-out strength, long./trans.	MD: 240 N/50 mm / MC: 275 N/50 mm
Roll width	150 cm
Roll length	50 linear metres
Pallet	24 rolls/1,800 m <sup>2</sup>



# VAPOUR CONTROL LAYER



Our THERMOFLOC vapour control layer is a vapour-resistant lining and airtight membrane that protects the construction reliably against moisture. It can be used for internal wall and roof applications. The reinforcement of the membrane provides high tear resistance.

**Art. No. 5139**  
(Width 150 cm) white imprint



Technical data	THERMOFLOC vapour control layer 150 cm
Raw material	Reinforced polypropylene fibrous lining
Tear strength	100 N / 5 cm, additionally reinforced
Weight per m <sup>2</sup>	Approx. 90 g/m <sup>2</sup>
Elongation at tear	> 30 %
SD value	10 m
Fire class	B2
Use	Interior of roofs and walls
Roll width	150 cm
Roll length	50 linear metres
m <sup>2</sup> per roll	75 m <sup>2</sup>



### APPLICATIONS:

THERMOFLOC vapour control layer is used on the inside of ventilated and non-ventilated roof constructions and in the walls of timber frame structures. The use of THERMOFLOC vapour control layer eliminates air movement through the structure preventing the penetration of moisture into the thermal insulation.

### INSTALLATION INSTRUCTIONS:

THERMOFLOC vapour control layer is fastened to the substructure by means of stapling or gluing. With THERMOFLOC blown-in insulation, you can install the vapour control layer in both a longitudinal as well as transverse direction. Should it be necessary to install it crosswise, the points where adhesive tape is used must be covered with continuous battens to prevent the adhesive tape from becoming detached due to the blown-in pressure. All areas to be stuck down must be free of grease, dust and silicone, and must also be completely dry.



# ADHESIVE PRODUCTS



Our adhesive products are specially adapted to the THERMOFLOC system. The adhesive tapes or alternatively the universal glue are used for airtight sealing of the THERMOFLOC vapour control layer and breather membrane. They can also be used for airtight masking of the joints of timber product boards (e.g. OSB boards).

**Art. No. 5151****Art. No. 5157**

Technical data	THERMOFLOC adhesive tape 5 cm	THERMOFLOC adhesive tape 14.6 cm
Raw material	Polyethylene adhesive tape	Polyethylene adhesive tape
Roll width	5 cm	14.6 cm
Roll length	25 linear metres	25 linear metres
Box	12 rolls	4 rolls
Pallet	60 boxes	60 boxes
The adhesive coating consists of solvent- and emollient-free acrylate.		



Polyethylene universal adhesive tape with acrylate glue is used for airtight sealing of areas where THERMOFLOC vapour control layer are perforated or overlapping.

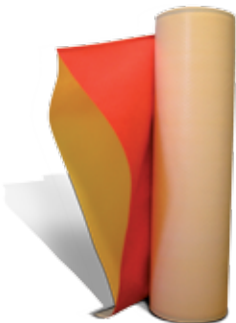
**Art. No. 5170**

Technical data	THERMOFLOC universal glue
Material	Acrylate glue
Temperature resistance	-20°C to +80°C
Processing temperature from	-10°C to max. +50°C
Characteristic features	Short drying time, high expandability
Box/contents	20 units/310 ml
Pallet	60 boxes
Free of softening agents, solvents and halogen compounds – store frost protected.	



Permanent and elastic acrylate glue for connections of vapour retarders and vapour barriers of all types, also for PE, aluminium and PA on substrates such as plaster, wood, concrete, carpet, edging and so on as per DIN 4108-7 and SIA 180.

## THERMOBAG



The THERMOFLOC THERMOBAG system provides a way to insulate existing roof areas cost-effectively. The only requirement is suitable access to the partitions via the top storey of the building. The THERMOBAG consists of a vapour barrier on the room side (SD value approx. 10 m) with a vapour open (SD value  $<0.04$  m), water impermeable PP membrane on the outside for optimum protection of the thermal insulation.

The THERMOBAG is not a replacement for a functioning sub-roof; rather it protects the installed insulation against weather-related moisture and air flow. Optimum insulation properties can only be achieved through professional installation of insulation at the correct density. An evaluation of the impact of the insulation system on the building physics including condensation risk should be conducted prior to installation.

### THERMOFLOC-THERMOBAG – Benefits:

- complicated dismantling of the interior finishing or the roof covering is not required
- measurable improvement to summertime heat protection
- significant reduction in heating bills
- cost-effective renovation method that quickly pays for itself
- installation usually takes one day making it very customer friendly

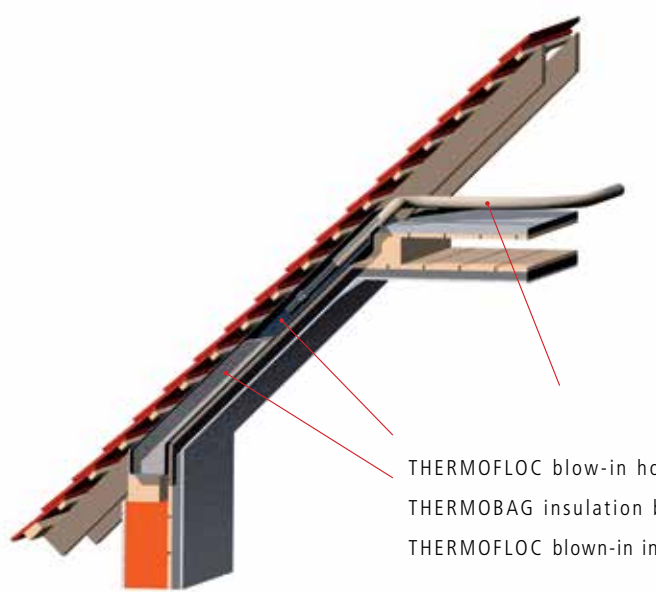


# THERMOFLOC-THERMOBAG

## easy & efficient

### Roof renovation & Roof insulation

**Important:**  
With THERMOBAG, the roof covering and the interior finishing remain untouched!



THERMOFLOC blow-in hose  
THERMOBAG insulation bag  
THERMOFLOC blown-in insulation

Cut the THERMOBAG to length and seal on one side. After the prepared THERMOBAGS are cut to the respective compartment lengths, they are folded accordingly and sealed on one side with staples.



Put the THERMOBAG in the compartment space. Carefully and with the help of rods if required, position the empty THERMOBAGS into the optimum position in the compartment space.

Now, the THERMOBAGS can be inflated with THERMOFLOC blown-in insulation until the compartment space is completely filled. Then, the bags are securely sealed with staples and adhesive tape. The rafter insulation is finished. Due to the set size of the compartment space, there are limits to the thickness of the insulation layer. Insulation thicknesses up to 20 cm can be achieved.



Art. No. 5134



THERMOBAG	Vapour barrier, yellow (underside)	Breather membrane, red (top side)
Raw material	2-ply polypropylene fibrous lining	3-ply polypropylene fibrous lining
Tear strength, long./trans.	200 N / 5cm 210 N / 5cm	280 N / 5cm 230 N / 5cm
Elongation at tear, long./trans.	60/50	60/43
Weight per m <sup>2</sup>	100 g/m <sup>2</sup>	150 g/m <sup>2</sup>
SD value	>10 m	0,03 m
Fire class	E	E
Roll width 100 cm / roll length 50 linear metres 15 rolls per pallet / 750 m <sup>2</sup>		



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