



**Thermal floor insulator,  
for high efficiency**

- Insulates cold floors
- Reflection of conventional / radiant heat. TOG - 1.7
- Acoustic performance
- High mechanical strength
- Impervious to mould and fungus
- Most easy to fit
- 100% free from CFK's

Heat-Blok® prevents heat loss. This increases the efficiency of your floor heating. Heat-Blok® forms a stable barrier between the cold substrate and the heating system. Both conventional heat and radiant heat are optimally reflected upwards. The ingenious structure of Heat-Blok® provides a heat resistance of no less than 0.17 (R value) / TOG 1.7! This insulation value is most essential in situations where electric floor heating is fitted.

Heat-Blok® has been developed specially for its high insulating properties underneath the Heat-Pak® system: Heat-Blok®, electric floor heating and Heat-Pak® is the ideal fast-track floor prep combination for the direct

glue-down of all types of resilient floorcoverings (LVT, linoleum, etc.) Furthermore, Heat-Blok® is an ideal underlay for the floating installation of wood flooring and laminate.

A combination of resilient floorcovering, glued onto Heat-Pak® and placed over an electric floor heating system on Heat-Blok® performs an impact sound reduction of no less than 21 dB  $\Delta L_w$  (according to ISO 10140-3 2010). The most effective thermal insulation!



# PRODUCT SPECIFICATIONS



## TECHNICAL DATA

Article number	149.000
Thickness/tolerance (mm)	6 / ± 0.5
Size (cm)/tolerance (mm)	120 x 2083 / ± 2
Raw material(s) combinations	Ribbed EPS foam with (silver) polyethelene foil backing
Colour	White/silver
Weight per m <sup>2</sup> (kg)	0.12
Weight per roll (kg)	2.9
Density (kg/m <sup>3</sup> )	18
Fire class (according to EN13501: 2007)	
Nude test	B <sub>fl-s1</sub>
Thermal conductivity λ value (W.m/K)	33.02
Thermal resistance R value (m <sup>2</sup> .K/W)	0.17
(according to ISO 8302:1991 and EN 12667:2001)	
TOG	1.7
Compressive strength (kPa) (according to EN 826 with 0.5 mm imprint)	43
Temperature range (°C)	-30 / +70
SD value (m) (according to min. EPLF & EN 16354 > 75 m)	> 100
Reflection walking sound (%) (according to EPLF working draft 021029-5 F1)	15
Impact sound reduction on concrete floor (according to ISO 10140-3 2010) in combination with electric underfloor heating with Heatpak® + LVT	21 dB ΔL <sub>w</sub>
with Heatpak® + linoleum	21 dB ΔL <sub>w</sub>
in combination with click laminate	21 dB ΔL <sub>w</sub>
Formaldehyde degree EPLF norm	E-1 Meets minimum EPLF standard

## APPLICATION

Insulating and acoustic underlay for electrical floor heating.

## ROLL

# 25 m<sup>2</sup>

• Width 120 cm

**Thickness 6 mm**

## PACKAGING

Installation instructions present

Pallet contents 9 rolls / 225 m<sup>2</sup>

Pallet size (lxwxh) 1120 x 1120 x 1350 mm

Pallet weight 46 kg



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about  
Heat-Blok® 6 mm!

Visit [www.unifloor-underlay.com](http://www.unifloor-underlay.com) for  
the most up-to-date information.