

Acoustic underlay with super low heat resistance

- Generally applicable over floor heating / cooling
- TOG 0.14
- Impact sound reduction 21 dB ΔL_w (laminated and engineered)
- Minimal thickness, only 1.2 mm
- Self-adhesive overlap
- Especially for click laminate and engineered wood

Heat-Foil® has been designed especially for application over floor heating and floor cooling systems. Because of a minimal thickness of just 1.2 mm, Heat-Foil® will simply transmit the warmth to the floor surface (TOG 0.14). Heat-Foil® is made out of a 200 micron foil with a self adhesive overlap, combined with a most stable foam. Heat-Foil® combines with Heat-Pak® for use with various Underfloor Heating situations.

Heat-Foil® is used in combination with various types of floating finished floor coverings, such as click laminate and engineered wood flooring. When used over floor cooling

systems a guarding systems against the transmission of water vapour needs to be present.

Heat-Foil® combined with Heat-Pak® is the most ideal choice over floor heating and floor cooling for glue down of resilient finished floor coverings, such as sheet LVT, linoleum, rubber, vinyl and carpet.

Combined with click laminate or engineered wood Heat-Foil® shows an impact sound reduction of 21 dB ΔL_w , measured according to ISO 10140-3 2010.



PRODUCT SPECIFICATIONS



TECHNICAL DATA

Article number	149.700
Thickness/tolerance (mm)	1.2 / ± 0.1
Size (cm)/tolerance (mm)	100 x 1500 / ± 1.0
Raw material(s) combinations	Polyethylene foil/ Extruded polyethylene foam
Colour	Red/grey
Weight per m ² (kg)	0.300
Weight per roll (kg)	4.5
Density (kg/m ³)	250
Fire class (according to EN13501: 2007)	
Nude test	E _{fl-s1}
Thermal resistance R value (m ² .K/W) (according to ISO 8302:1991 and EN 12667:2001)	0.014
TOG	0.14
Compressive strength (kPa) (according to EN 826 with 0.5 mm imprint)	300
Compressive creep (kPa) (according to norm EN 1606)	40
Dynamic load (Cycli by 70 kPa) (according to norm EN 13793)	> 200.000
Punctual conformability (mm) (according to min. EPLF & EN 16354 > 0.5 mm)	0.35
Resistance to large Ball (m) (according to min. EPLF & EN 16354 > 50 cm)	0.5
SD value (m) (according to min. EPLF & EN 16354 > 75 m)	> 100
Reduction walking sound (%) (according to EPLF working draft 021029-5 F1)	24
Impact sound reduction on concrete floor (according to ISO 10140-3 2010)	
in combination with 8 mm click laminate	20 dB ΔL _w
in combination with 15 mm engineered wood	21 dB ΔL _w
EPLF norm	Meets minimum EPLF standard
MMFA norm	Meets minimum MMFA standard

APPLICATION

Most stable impact sound reducing subfloor for click laminate and engineered wood, fitted over floor heating and floor cooling.

ROLL

15 m²

• Width 100 cm

Thickness 1.2 mm



PACKAGING

Installation instructions present

Pallet contents 4 boxes, 9 rolls each
(36 roll) = 540 m²

Pallet size (lxwxh) 1200 x 800 x 1230 mm

Pallet weight 180 kg



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about
Heat-Foil®!

Visit www.unifloor-underlay.com for
the most up-to-date information.