

## Acoustic underlay for LVT click over floor heating / cooling

- Suitable for nearly all LVT click floors
- Excellent heat transfer
- Only 1 mm thick
- Easy to process
- Very stable
- Low R value of 0.02 m<sup>2</sup> K/W
- Impact sound reducing underlay in combination with LVT click

RedFloor® 1.0 is the perfect underlay in combination with PVC click. With its low thickness of 1 mm, RedFloor® 1.0 is the most stable underlay of its kind. With a CS value of 400 kPa, this underlay meets the very highest requirements in terms of momentary loads.

The new RedFloor® 1.0 is resistant to high temperatures which can occur in direct sunlight. Thanks to its super-low thermal resistance, RedFloor® 1.0 is highly suitable for

underfloor heating and/or cooling. In case of application with underfloor cooling, a condensation control should always be present. RedFloor® 1.0 can be installed under almost any PVC click floor. RedFloor® 1.0 in combination with PVC click achieves a Impact sound reduction of 21 dB  $\Delta L_w$  measured according to ISO 10140-3: 2010.

# PRODUCT SPECIFICATIONS

## TECHNICAL DATA

Article number	164.500
Thickness/tolerance (mm)	1.0 / ± 0.1
Size (cm)/tolerance (mm)	100 x 1500 / ± 1.0
Raw material(s) combinations	Extruded polyethylene foam
Colour	Red
Weight per m <sup>2</sup> (kg)	0.18
Weight per roll (kg)	2.7
Density (kg/m <sup>3</sup> )	180
Fire class (according to EN13501: 2007)	
Nude test	E <sub>fl-s1</sub>
Thermal resistance R value (m <sup>2</sup> .K/W) (according to ISO 8302:1991 and EN 12667:2001)	0.02
Compressive strength (kPa) (according to EN 826 with 0.5 mm imprint)	400
Compressive creep (kPa) (according to norm EN 1606)	> 35
Dynamic load (Cycli by 70 kPa) (according to norm EN 13793)	> 1.000.000
Punctual conformability (mm) (according to min. EPLF & EN 16354 > 0.5 mm)	0.8
Resistance to large Ball (m) (according to min. EPLF & EN 16354 > 50 cm)	-
SD value (m) (according to min. EPLF & EN 16354 > 75 m)	15
Impact sound reduction on concrete floor (according to ISO 10140-3 2010) in combination with click LVT	21 dB ΔL <sub>w</sub>
MMFA norm	Meets the highest MMFA standard (CS 3 > 200 kPa)

## APPLICATION

Impact sound reducing subfloor for LVT click to be fitted over floor heating and floor cooling.



## ROLL

# 15 m<sup>2</sup>

• Width 100 cm

Thickness 1.0 mm



## PACKAGING

Installation instructions present

Pallet contents 4 boxes, 9 rolls each  
(36 roll) = 540 m<sup>2</sup>

Pallet size (lxwxh) 1200 x 800 x 1230 mm

Pallet weight 122 kg



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the most up-to-date information.