

**REDUPAX®**  
SOUND REDUCING UNDERFLOOR

**Sound reducing underfloor,  
especially for wood and  
laminate flooring**

- **High levelling abilities**
- **Impact sound reducing  
22 dB  $\Delta L_w$**
- **Good thermal insulation**
- **Fitted with a special top layer**
- **Easy installation**
- **TOG - 1.7**
- **FSC certified**

Redupax®, the 8 mm soundreducing underfloor, has been tested on a concrete as well as on a wooden substrate. The results showed an outstanding reduction of impact sound of 22 dB  $\Delta L_w$  in combination with laminate as from 8 mm thick and 15 mm engineered wood, according to ISO 10140-3 2010. This improvement has been obtained on a concrete base floor with an affixed screed\*.

With this result Redupax® is not only the ideal underlay system for engineered wood and laminate, it also guarantees a longer lifespan of both flooring types. Redupax® is fitted with a special top layer that makes

sure that while cutting, no fibres are separated from the panels. It also contributes to the outstanding sound reducing qualities. Redupax® is made out of wood materials from pine trees and can therefore be fully made into compost. The Redupax® panels have a natural colour and provide, besides the already mentioned sound reduction, a perfect thermal insulation as well, and it provides outstanding levelling qualities of up to 3 mm for every kind of substrate. Redupax® is FSC certified.

A polythene sheet should be used under this product as a moisture barrier.

\* In case of floating substrate systems the sound reduction of the finished floor covering will always depend on the impact sound reduction of the existing substrate.



For us at Unifloor, the use of FSC® certified wood is very important. Environmentally and social appropriate use of the forest means that the forest's productivity, biodiversity and ecological processes are maintained while harvesting the wood. By using FSC wood, we are helping to promote responsible forest management. Therefore Unifloor solely uses raw materials from FSC certified sources.

**unifloor**  
UNDERLAY SYSTEMS

# PRODUCT SPECIFICATIONS

**REDUPAX®**  
SOUND REDUCING UNDERFLOOR

## TECHNICAL DATA

Article number	118.00
Thickness/tolerance (mm)	9 / ± 0,3
Size (cm)/tolerance (mm)	590 x 860 / ± 1
Raw material(s) combinations	Pine and fir tree wood /paper
Colour	Natural
Weight per m <sup>2</sup> (kg)	2.5
Weight per package (kg)	20
Density (kg/m <sup>3</sup> )	280
Humidity (%)	6-12
Swelling after 24 hours in water, max (%)	< 50
Fire class (according to EN13501: 2007)	
Nude test	E <sub>fl-s1</sub>
Thermal conductivity λ value (W.m/K)	60.7
Thermal resistance R value (m <sup>2</sup> .K/W) (according to ISO 8302:1991 and EN 12667:2001)	0.168
TOG	1.7
Bending strength (kg/cm <sup>2</sup> ) (according to EN 310)	> 13
Compressive strength (kPa) (according to EN 826 with 0.5 mm imprint)	386
Sound insulation based on R <sub>w</sub> = 52 dB (according to ISO 717-1-2013) in combination with click laminate 8 mm	R <sub>w</sub> = 57 dB (+ 4 dB reduction)
Impact sound reduction on concrete floor (according to ISO 10140-3 2010) in combination with click laminate 8 mm in combination with engineered wooden floors 15 mm	21 dB ΔL <sub>w</sub> 22 dB ΔL <sub>w</sub>
Impact sound reduction on wooden floor (according to ISO 10140-3 2010 base from 64 dB) in combination with click laminate 8 mm	8 dB ΔL <sub>n</sub>
Formaldehyde degree FSC certified EPLF norm	E-1 FSC C154437 Meets minimum EPLF standard
MMFA norm	Meets minimum MMFA standard

## APPLICATION

Impact sound reducing subflooring for laminate and engineered wood.

## PACK CONTENTS

# 16

- Panels
- 590 x 860 mm
- 8.12 m<sup>2</sup>

**Thickness 9 mm**

## PACKAGING

Installation instructions present  
Pallet contents 28 packs / 227.32 m<sup>2</sup>  
Pallet size (l x w x h) 1200 x 860 x 2250 mm  
Pallet weight 575 kg



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about  
Redupax®!**

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