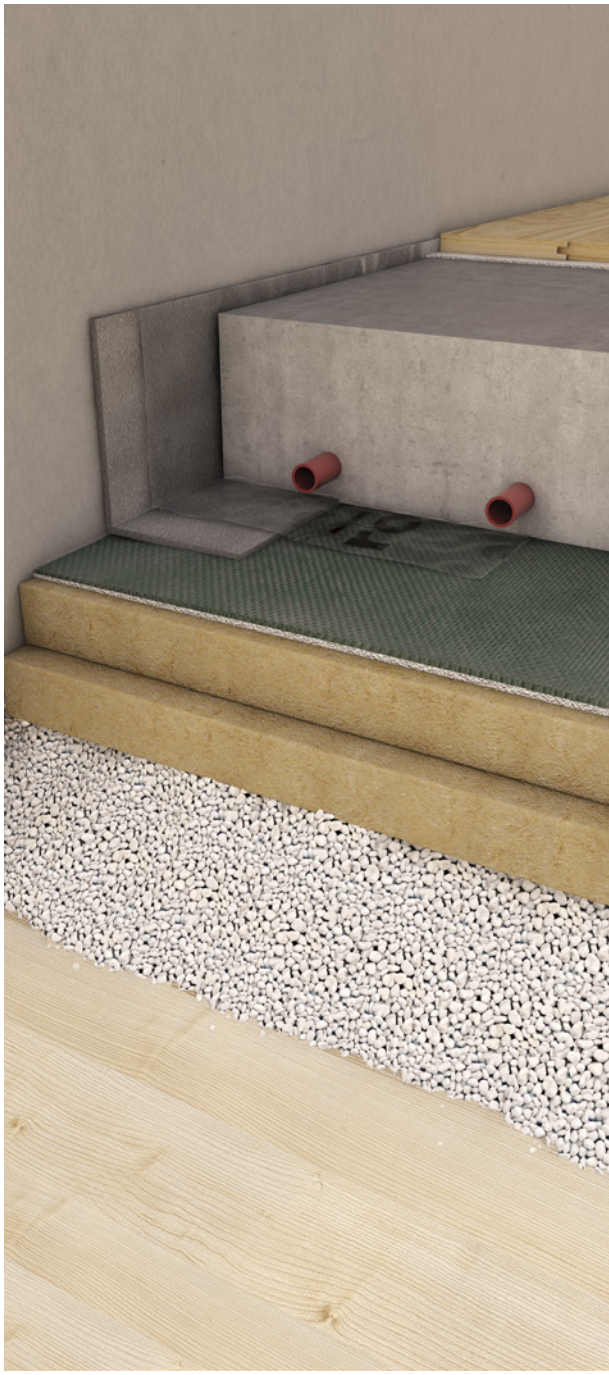
SILENT FLOOR

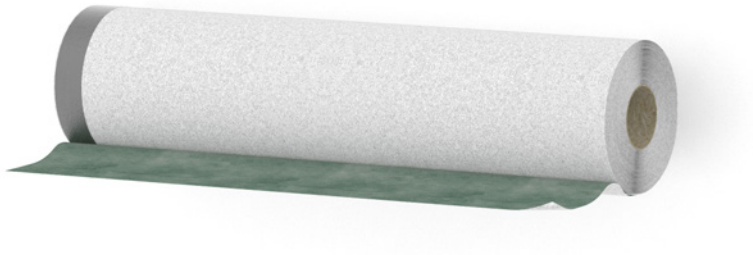
RESILIENT UNDERSCREED FOIL MADE OF BITUMEN AND POLYESTER FELT



EFFECTIVE
The special structure absorbs vibrations from impact noise up to 26 dB.

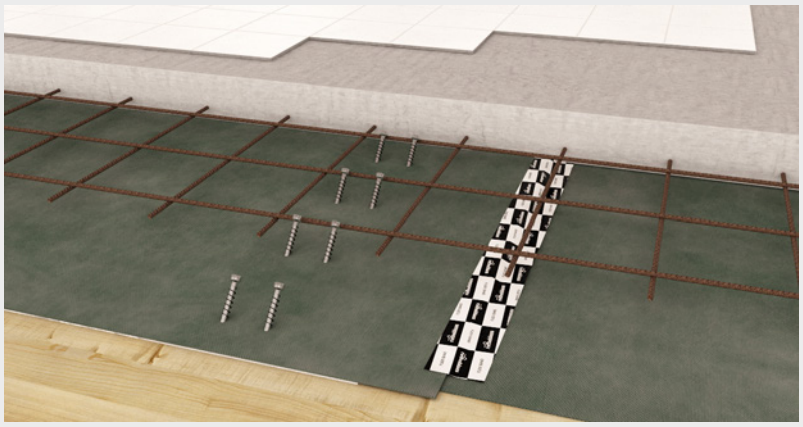
HERMETIC
Thanks to the bituminous mixture the product tends to close around the fastening system, ensuring watertightness

STRUCTURAL RESTORATION
Ideal for applying wood-cement connectors. Protects the substrates without the risk of concrete percolation.



CODES AND DIMENSIONS

code	g/m²	H x L [m]	s [mm]	A [m²]	pcs. / b
SILENTFLOOR	1500	1,05 x 10	5,0	10,5	20



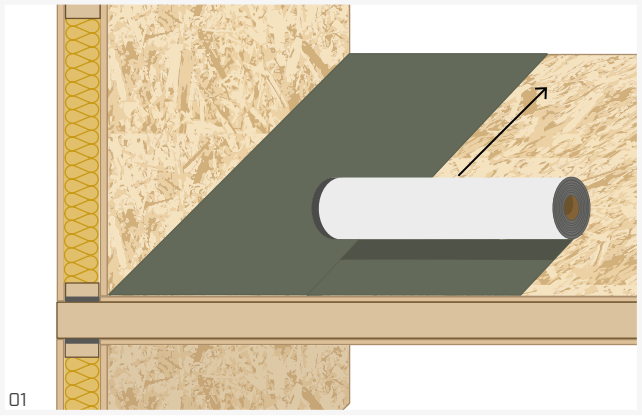
LONG-LASTING
Stable over time, thanks to the bituminous mixture. Also highly compatible with fresh concrete.

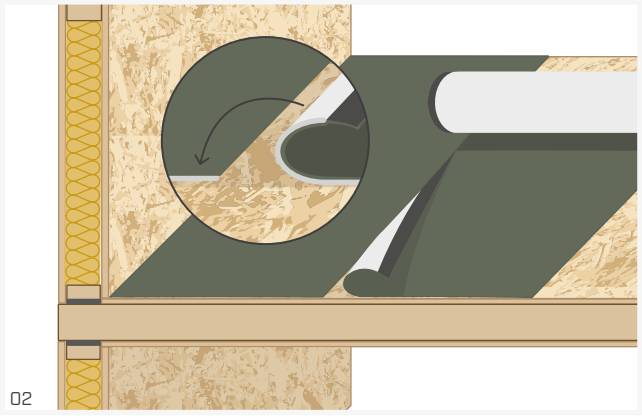
MATERIAL
Elastoplastomeric bitumen coupled with resilient polyester felt. Does not contain harmful substances.

TECHNICAL SPECIFICATIONS

Property	Standard	Value
Thickness (foil + felt)	UNI 9947	5 (2+3) mm
Mass per unit area	-	1,5 kg/m^2
Apparent dynamic stiffness s't	-	7 MN/m^3
Dynamic stiffness s'	-	27 MN/m^3
Resistance to airflow r	ISO 29053	> 10 kPas/m^2
Theoretical estimate of impact sound attenuation level ΔL_w (1)	ISO 12354-2	28 dB
System resonance frequency f_0 (1)	ISO 12354-2	74,4 Hz
Creep (2 kPa)	EN 1606	≤ 1 mm
Compressibility	EN 12431	≤ 2 mm
Resistance to punching:		
static	EN 12730	35 kg
dynamic	EN 12691	20 cm
Thermal conductivity (λ)	-	0,17 W/mK
Water vapour transmission (Sd)	-	> 100 m
Water vapour resistance factor μ (bituminous foil)	-	100000
Thermal resistance R	ISO 6946	0,13 m^{2}K/W
Watertightness	EN 1928	1 kPa

APPLICATION INSTRUCTIONS


01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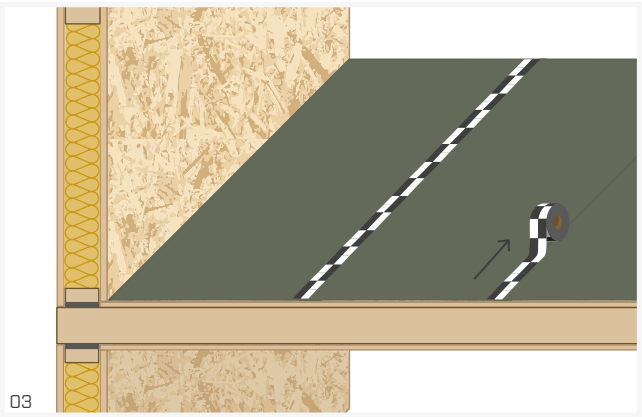
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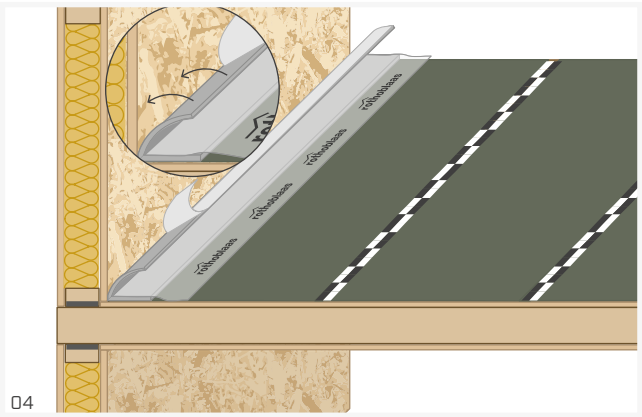
04

NOTES: (1) Consider a load condition, with m'=125 kg/m^2. For other load configurations, please see the table on page 132.