

SILENT FLOOR EVO

RESILIENT HIGH PERFORMANCE
UNDERSCREED FOIL MADE OF
RECYCLED POLYMERS

CERTIFIED

The effectiveness of the product has been demonstrated in the labs of the Centre for Industrial Research of the University of Bologna.

PERFORMANCE

The special mixture offers excellent elasticity, reaching attenuation values over 30 dB.

SUSTAINABLE

Thanks to the high percentage of recycled polyurethane it contains, the product satisfies the most common environmental protection standards.



CODES AND DIMENSIONS

code	g/m ²	H x L [m]	s [mm]	A [m ²]	pcs. / b
SILENTFLOORE	1100	1,5 x 10	10,0	15	6



LONG-LASTING

Polyurethane is a noble polymer that maintains elasticity over time, without subsidence or changes in performance.

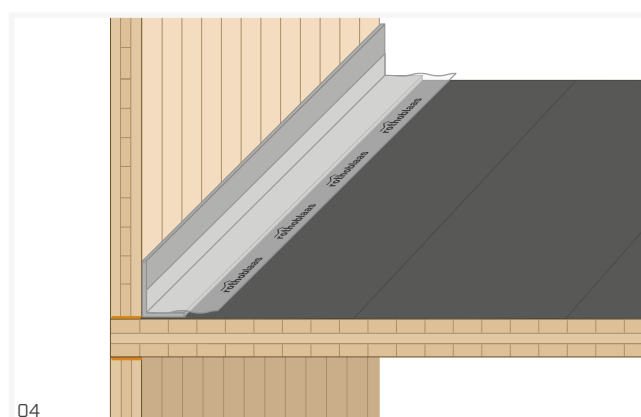
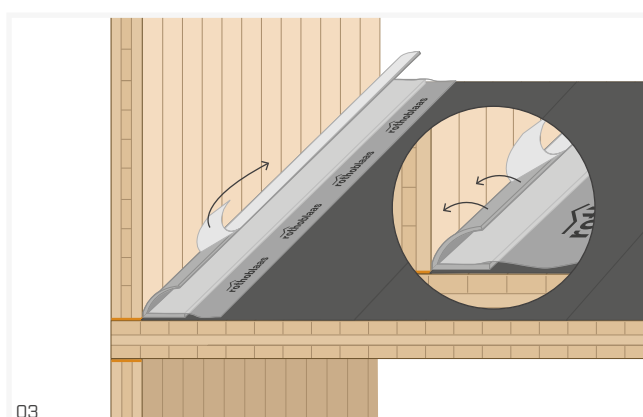
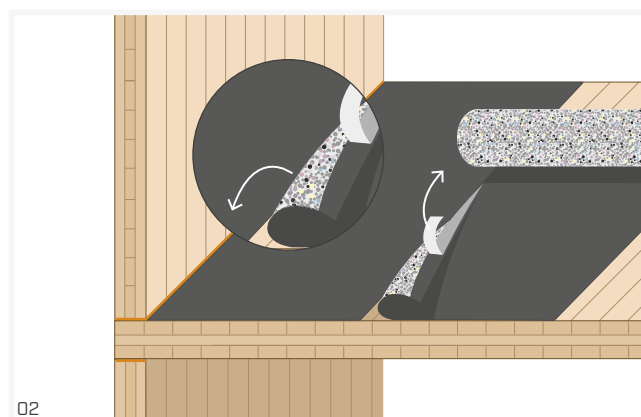
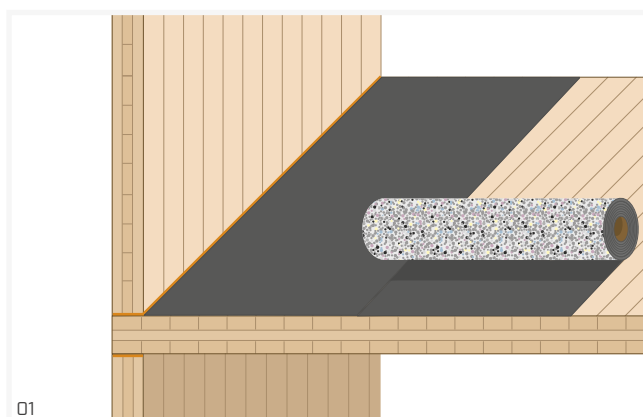
MATERIAL

Impermeable membrane coupled with a resilient component obtained from recycled latex and foam rubber. Does not contain harmful substances.

TECHNICAL SPECIFICATIONS

Property	Standard	Value
Thickness	IM/AL 2014	10 mm
Mass per unit area	IM/AL 2014	1,1 kg/m ²
Apparent dynamic stiffness s't	ISO 29052-1	11 MN/m ³
Dynamic stiffness s'	ISO 29052-1	11 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	33,5 dB
System resonance frequency f ₀ ⁽¹⁾	ISO 12354-2	47,5 Hz
Creep (1,50 kPa)	EN 1606	≤ 0,7 mm
Compressibility	EN 12431	≤ 2 mm
Deformation force under compression	ISO 3386/1	17 kPa
Elongation at break point	ISO 1798	40 %
Thermal conductivity (λ)	ISO 8302	0,035 W/mK
Water vapour transmission (Sd)	EN 12086	> 100 m
Thermal resistance R	ISO 6946	0,46 m ² K/W

APPLICATION INSTRUCTIONS



NOTES:

⁽¹⁾ Consider a load condition, with m'=125 kg/m². For other load configurations, please see the table on page 131.