

# SILENT FLOOR SOFT

RESILIENT UNDERSCREED FOIL MADE OF CLOSED CELL PE

## CLOSED CELL

Thanks to the grid of closed cell polyethylene, the product cannot be irreversibly crushed and remains effective over time.

## STABLE

The grid of polyethylene foam is durable and does not suffer from issues associated with chemical actions or incompatibility of materials.

## COST/PERFORMANCE

Composition of the mixture optimised to provide both good performance and low cost.



## CODES AND DIMENSIONS

code	g/m <sup>2</sup>	H x L [m]	s [mm]	A [m <sup>2</sup> ]	pcs. / b
SILENTFLOORS	150	1,55 x 50	5,0	77,5	4



## VERSATILE

The format and composition offer various uses in the construction field, also as under floor.

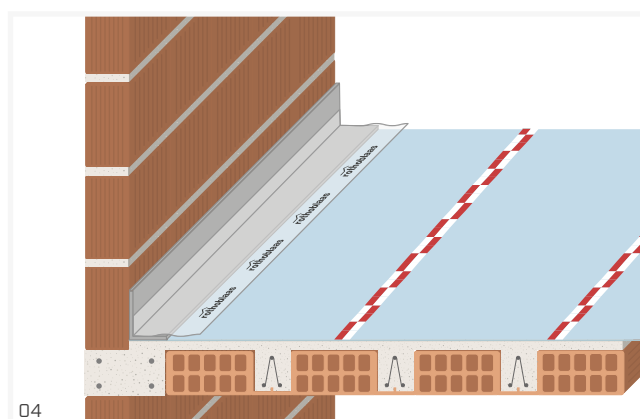
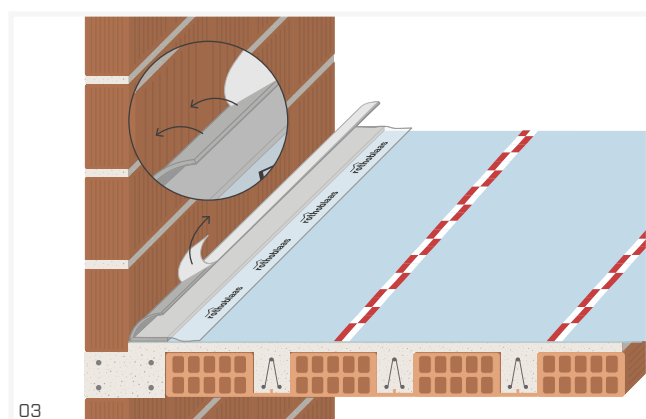
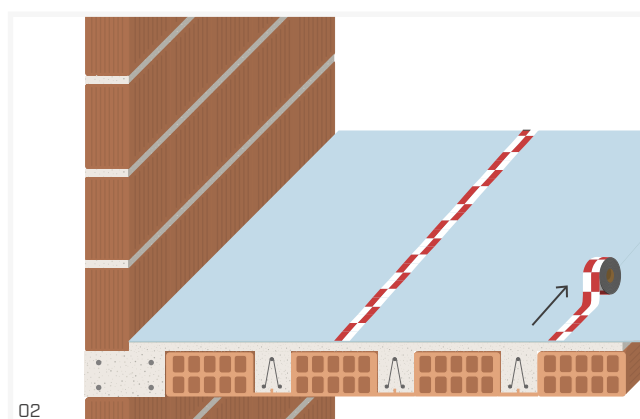
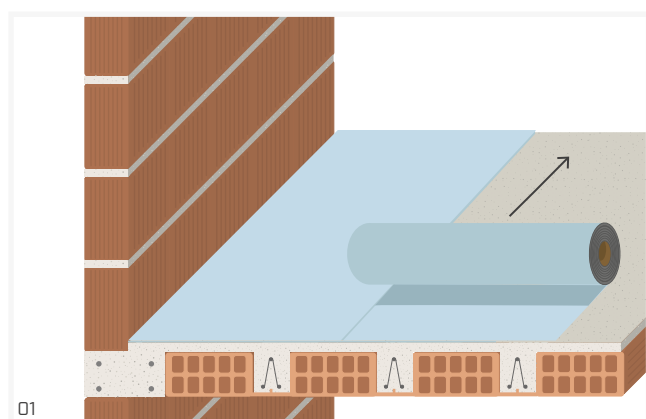
## MATERIAL

Closed cell polyethylene foam foil. Does not contain harmful substances.

## TECHNICAL SPECIFICATIONS

Property	Standard	Value
Thickness	-	5 mm
Mass per unit area	-	0,15 kg/m <sup>2</sup>
Dynamic stiffness s'	-	> 45 MN/m <sup>3</sup>
Theoretical estimate of impact sound attenuation level $\Delta L_w$ <sup>(1)</sup>	ISO 12354-2	24,9 dB
System resonance frequency $f_0$ <sup>(1)</sup>	ISO 12354-2	96 Hz
Crushing (screed mass 140 kg/m <sup>2</sup> )	-	0,05 mm
10% deformation force under compression	EN 826	13 kPa
Thermal conductivity ( $\lambda$ )	-	0,035 W/mK
Water vapour transmission (Sd)	-	approx. 10 m
Thermal resistance R	ISO 6946	0,14 m <sup>2</sup> K/W

## APPLICATION INSTRUCTIONS



**NOTES:**

<sup>(1)</sup> Consider a load condition, with  $m'=125 \text{ kg/m}^2$ . For other load configurations, please see the table on page 132.