

SILENT FLOOR TEX

UNDERSCREED MEMBRANE MADE OF RECYCLED TEXTILE FIBRE AND RECYCLED

RECYCLED
The bottom felt is composed of textile fibres derived from production waste, which are then carefully examined and selected.

ACOUSTIC PERFORMANCE
Tested at the University of Bologna according to international standards for acoustic characterisation.

FAST INSTALLATION
Thanks to the integrated adhesive band, installation is simplified by immediately attaching the selvages to the overlaps.

COMPOSITION

- polyethylene vapour barrier made from pre-consumer industrial waste
- textile fibre felt made from pre-consumer industrial waste



CODES AND DIMENSIONS

CODE	H ⁽¹⁾ [m]	L [m]	thickness [mm]	A _f ⁽²⁾ [m ²]	H ⁽¹⁾ [ft]	L [ft]	thickness [in]	A _f ⁽²⁾ [ft ²]	
SILFLOORTEX6	1,10	10	6	10	3' 7 1/4"	32' 9 3/4"	0.24	108	12
SILFLOORTEX10	1,10	10	10	10	3' 7 1/4"	32' 9 3/4"	0.39	108	6
SILFLOORTEX15	1,10	5	15	5	3' 7 1/4"	16' 4 7/8"	0.59	54	12

⁽¹⁾1 m felt and vapour barrier + 0.10 m vapour barrier for overlap with integrated adhesive strip (3' 3 3/8" + 3 7/8")
⁽²⁾Without considering the overlap area.



WATERPROOF
Thanks to the polyethylene top layer, the product is perfectly impermeable to water and water vapour.

THE RANGE
Different thicknesses and thus technical specifications allow it to be used in different areas and for different screed thickness.

TECHNICAL DATA

SILENT FLOOR TEX - thickness 6 mm

Properties	standard	value	USC conversion
Thickness	-	6 mm	0.24 inch
Density ρ	-	approx. 90 kg/m ³	5.6 lb/ft ³
Resistance to airflow r	ISO 9053	16,4 kPa·s·m ⁻²	-
Apparent dynamic stiffness s'_t	EN 29052-1	18,2 MN/m ³	-
Dynamic stiffness s'	EN 29052-1	33 MN/m ³	-
Compressibility class	EN 12431	CP2	-
Theoretical estimate of impact sound pressure level attenuation $\Delta L_w^{(1)}$	ISO 12354-2	26,5 dB	-
System resonance frequency $f_0^{(2)}$	ISO 12354-2	82,2 Hz	-
Water vapour transmission Sd	EN ISO 12572	approx. 20 m	approx. 0.17 US perm

⁽¹⁾ $\Delta L_w = (13 \lg(m')) - (14,2 \lg(s')) + 20,8$ [dB] con $m' = 125 \text{ kg/m}^2$ (25.60 lb/sft).

⁽²⁾ $f_0 = 160 \sqrt{(s'/m')}$ con $m' = 125 \text{ kg/m}^2$ (25.60 lb/sft)

SILENT FLOOR TEX - 10 mm thick

Properties	standard	value	USC conversion
Thickness	-	10 mm	0.39 inch
Density ρ	-	approx. 80 kg/m ³	4.9 lb/ft ³
Resistance to airflow r	ISO 9053	31,5 kPa·s·m ⁻²	-
Apparent dynamic stiffness s'_t	EN 29052-1	12,8 MN/m ³	-
Dynamic stiffness s'	EN 29052-1	25 MN/m ³	-
Compressibility class	EN 12431	CP3	-
Theoretical estimate of impact sound pressure level attenuation $\Delta L_w^{(1)}$	ISO 12354-2	28,2 dB	-
System resonance frequency $f_0^{(2)}$	ISO 12354-2	71,6 Hz	-
Water vapour transmission Sd	EN ISO 12572	approx. 20 m	approx. 0.17 US perm

⁽¹⁾ $\Delta L_w = (13 \lg(m')) - (14,2 \lg(s')) + 20,8$ [dB] con $m' = 125 \text{ kg/m}^2$ (25.60 lb/sft).

⁽²⁾ $f_0 = 160 \sqrt{(s'/m')}$ con $m' = 125 \text{ kg/m}^2$ (25.60 lb/sft)

SILENT FLOOR TEX - 15 mm thick

Properties	standard	value	USC conversion
Thickness	-	15 mm	0.59 inch
Density ρ	-	approx. 100 kg/m ³	6 lb/ft ³
Resistance to airflow r	ISO 9053	24,4 kPa·s·m ⁻²	-
Apparent dynamic stiffness s'_t	EN 29052-1	12,8 MN/m ³	-
Dynamic stiffness s'	EN 29052-1	22 MN/m ³	-
Compressibility class	EN 12431	CP3	-
Theoretical estimate of impact sound pressure level attenuation $\Delta L_w^{(1)}$	ISO 12354-2	29 dB	-
System resonance frequency $f_0^{(2)}$	ISO 12354-2	67,1 Hz	-
Water vapour transmission Sd	EN ISO 12572	approx. 20 m	approx. 0.17 US perm

⁽¹⁾ $\Delta L_w = (13 \lg(m')) - (14,2 \lg(s')) + 20,8$ [dB] con $m' = 125 \text{ kg/m}^2$ (25.60 lb/sft).

⁽²⁾ $f_0 = 160 \sqrt{(s'/m')}$ con $m' = 125 \text{ kg/m}^2$ (25.60 lb/sft)



PERFORMANCE

Theoretical estimate of impact sound pressure level reduction

ΔL_w : 29 dB

(for 15 mm thickness)

See the manual for more information.

