

SILENT STEP

HIGH DENSITY POLYETHYLENE SUBSTRATE WITH VAPOUR BARRIER FILM




PRACTICAL

Thanks to the integrated adhesive tape, sealing is immediate and doesn't require any additional sealing tape.

DAMP BARRIER

The polyethylene film coating prevents the passage of humidity $S_d > 75$ m, protecting the floor.

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]	
SILENTSTEP	1,10	15	2	15	3' 7 1/4"	49' 2 1/2"	0.08	161	20

⁽¹⁾1 m roll + 0.10 m overlap with integrated adhesive strip (3' 7 1/4" + 3 7/8").

⁽²⁾Without considering the overlap area.

TECHNICAL DATA

Properties	standard	value	USC conversion
Thickness	-	2 mm	0.08 in
Surface mass m	-	0,001 kg/m ²	0.0002 lb/sft
Density ρ	-	0,5 kg/m ³	0.03 lb/ft ³
Water vapour transmission S _d	EN 12086	≥ 75 m	≤ 0.047 US perm
Soundproofing of reflected RWS noise	EN 16205	25 sones	-
Compression strength CS	EN 826	30 kPa	-
CREEP viscous sliding under compression CC (10 kPa)	EN 1606	< 0,5 mm	-
Dynamic load resistance DL ₂₅	EN 13793	10000 cycles	-
Thermal resistance R _t	-	0,06 m ² K/W	-
Impact resistance (Large ball test) RLB ⁽¹⁾	EN 13329	1200 mm	-
Reaction to fire	EN 13501-1	class F	-
VOC emission classification	French decree no. 2011-321	A+	-

⁽¹⁾Under 7 mm (0.28 inch) laminate.



FIELDS OF APPLICATION

FLOOR INSTALLATION

- ✓ floating (not glued)

FLOOR TYPE

- ✓ parquet
- ✓ LVT (medium high quality)
- ✓ laminate

IN-FLOOR HEATING

- ✓ suitable