

SILENT STEP ALU

HIGH DENSITY POLYMER SUBSTRATE
COVERED IN ALUMINIUM WITH AS A VAPOUR
BARRIER FILM

HIGH PERFORMANCE

Coated with an aluminised vapour barrier to protect against rising damp.

REFLECTIVE

Thanks to its extremely heat-conducting material, it is specifically designed for the floating installation of parquet and laminates, even on radiant floors.

CODES AND DIMENSIONS

CODE	H [m]	L [m]	thickness [mm]	A [m ²]	H [ft]	L [ft]	thickness [in]	A [ft ²]	
SILENTSTEPA	1,0	8,5	1,8	8,5	3' 3 3/8"	27' 10 5/8"	0.07	91	40

TECHNICAL DATA

Properties	standard	value	USC conversion
Thickness	-	1,8 mm	0.07 in
Surface mass m	-	1 kg/m ²	0.20 lb/sft
Density p	-	approx. 555 kg/m ³	34.6 lb/ft ³
Water vapour transmission Sd	EN 12086	≥ 150 m	≤ 0.023 US perm
Soundproofing of reflected RWS noise	EN 16205	23 sones	-
Compression strength CS	EN 826	300 kPa	-
CREEP viscous sliding under compression CC (10 kPa)	EN 1606	< 0,5 mm	-
Dynamic load resistance DL ₂₅	EN 13793	100000 cycles	-
Thermal resistance R _t	-	0,01 m ² K/W	-
Impact resistance (Large ball test) RLB ⁽¹⁾	EN 13329	< 600 mm	-
Reaction to fire	EN 13501-1	Bfl-s1 class	-
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