

SILENT STEP ALU

SUBSTRATE OF A HIGH DENSITY POLYMER MIX COVERED IN ALUMINIUM SERVING AS A VAPOUR BARRIER

PERFORMANCE

The high density viscoelastic thermal conductive material gives the product high thermal and acoustic performance.

REFLECTIVE

Thanks to the aluminium coating, it is suitable for use with in floor heating systems.

DAMP BARRIER

The aluminium coating prevents the passage of damp $S_d > 150$ m, protecting the floor. Fire reaction class Bfl - s1.



CODES AND DIMENSIONS

code	g/m ²	H x L [m]	s [mm]	A [m ²]	pcs. / b
SILENTSTEPA	1000	1,0 x 8,5	2,0	8,5	38

TECHNICAL SPECIFICATIONS

Property	Value
Thickness	approx. 2 mm
Protection from rising damp (SD)	> 150 m
Dynamic stress from impact sounds (DL)	> 100000 cycles (at 25 kPa)
Lasting stress from static loads (CC)	> 50 kPa (max load with def. < 0,5 mm for 10 years)
Temporary stress from loads (CS)	300 kPa (0,5 mm deformation)
Impact resistance (RLB)	600 mm (below 7 mm laminate)
Impact sound noise insulation (IS)	$\Delta L_w = 18$ dB (below 7 mm of DPL laminate)
Reflected walking sound (RWS)	23 sones
Thermal insulation (R_λ)	0.01 m ² K/W
VOC emissions	0% (class A+)
Blauer Engel protocol	compliant
Reaction to fire	Bfl - s1

FIELDS OF APPLICATION

FLOOR INSTALLATION

- FLOATING
- GLUED

FLOOR TYPE

- PARQUET
- LVT (medium high quality)
- LAMINATE

IN-FLOOR HEATING

suitable