

I Technical values according to CEN/TC 16354

		3 mm (1/8")	6 mm (1/4")
Acoustical performance test report	IIC	65	---
ASTM E 90, ASTM E 492, ASTM E 2179.	STC	62	---
Specimen Type: 152 mm (6") ConcreteSlab with Drop Ceiling	Delta IIC	24	---
Acoustical performance test report	IIC	55	52
ASTM E 90, ASTM E 492, ASTM E 2179	STC	50	50
Specimen Type: 152 mm (6") ConcreteSlab WITHOUT Drop Ceiling	Delta IIC	25	25
Acoustical performance* test report	IIC	75	---
Specimen Type: 203 mm (8")	STC	73	---
ConcreteSlab with Drop Ceiling	Delta IIC	25	---
Protection against unevenness	PC	1.0 mm	2.8 mm
Compressive strength	CS	> 150 kPa	> 150 kPa
Compressive creep resistance	CC	> 50 kPa	> 50 kPa
Dynamic load resistance	DL25	> 150.000 cycles	> 150.000 cycles
Thermal resistance	R	0.043 m ² K/W	0.090 m ² K/W
Water vapour diffusion resistance	SD	0.02 m ² K/W	0.03 m ² K/W
Reaction to fire	RTF	E	E
Resistance to impact by large diameter ball	RLB	> 800 mm	> 850 mm
Fulfills minimum requirement of EPLF		yes	yes

I Packaging STEICO wood underlayment

Thickness (mm/inch)	Size (ft)	Weight\Pack (lbs)	Pieces\Pack	ft\Pack	Weight (kg/m2)
3.0 \ 1/8	2x3	18	15	90	0.77
6.0 \ 1/4	2x3	26	15	90	1.35

I Characteristic values STEICO wood underlayment

Produced and supervised according to	EN 13986
Porous wood fiber insulating board according to	EN 622-4
Board designation	EN 622-4 SB - E1
Edge design	Square edged
Thermal conductivity I [W/(m ² *K)] accord. to EN 13986, Tab. 11 0.07	0.07
Bulk density r [kg / m ³]	ca. 250
Water vapour diffusion resistance factor μ	5
Applied materials	wood fiber, aluminium sulphate, paraffin, dye
Waste code (EAK-Code)	030105 / 170201, Disposal as wood and wood-based material

* Calculated value. Based on the results of acoustic performance tests of 6" stabs and on the sound absorption and transmission of given materials in similar experiments. May vary upon specific features.