

FIBREfon Physical Properties

FIBREfon acoustic insulation products are manufactured to the highest possible specification. All products' physical properties are determined under strictly controlled laboratory conditions.

Acoustic insulation		FIBREfon®							FIBREfon®	
Properties	Unit	20	MDF 12	CHiP 21	CHiP 25	HiGYP 32	HiGYP 35TM	Baffle Strips	Micro Slab 15	Micro Slab 50
Resilient layer composition	-	Recycled wood fibre board	100% Recycled PES			Recycled wood fibre board			Recycled PES fibre slab	
Type and thickness of facing*/ batten	-	-	9mm MR MDF	18mm P5 chipboard	18mm P5 chipboard	12.5mm HiGYP	15mm HiGYP	N/A	-	-
Resilient layer thickness	mm	20	3	3	7	20	20	20	-	-
Overall thickness	mm	20	12	21	25	32.5	35	20	15	50
Board size / roll size / batten length	m	1.2 x 2.40	0.6 x 2.40	0.6 x 2.40	0.6 x 2.40	1.2 x 2.40	1.2 x 2.40	75mm x 1200mm	0.6 x 1.20	0.4 x 1.20
Weight	kg/m ²	5.00	6.95	13.10	14.50	20.40	20.40	N/A	<0.5	<1.0
	kg/board/roll	14.40	11.00	18.88	20.88	58.75	50.40	0.45	<0.5	<1.0
Compressive strength	kPa	220 ⁽²⁾	200 ⁽²⁾	200 ⁽²⁾	220 ⁽²⁾	220 ⁽²⁾	220 ⁽²⁾	220 ⁽²⁾	-	-
Global warming potential (GWP)		0	0	0	0	0	0	0	0	0

Note ⁽²⁾ Minimum value at 10% compression

