

DECKfon Physical Properties

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

Acoustic insulation

		DECKfon®									
Properties	Unit	Ultralay 3	Ultralay 5	MDF 17T	CHIP 26T	CHIP 30T	CHIP 37T	Quattro	Batten 45	Batten 70	Cradles
Resilient layer composition	-	Ultra-high density, open cell, low resonance, recycled polyurethane		Open-cell, low resonance, recycled, flexible polyurethane (Grade A2)			Open-cell, low resonance, recycled, flexible polyurethane (Grade B1)		Open-cell, low resonance, recycled, flexible polyurethane (Grade B1)		Open-cell, low resonance, recycled, ultra high density, polyurethane
Type and thickness of facing / batten	-	-	-	9mm MR MDF	18mm P5 chipboard	22mm P5 chipboard	22mm P5 chipboard	18mm P5 chipboard	40mm (h) x 45mm (w)	65mm (h) x 45mm (w)	To suit 45mm (w) batten
Resilient layer thickness	mm	3	5	8	8	8	15	15	10	10	10
Overall thickness	mm	3	5	17	26	30	37	45	45 ⁽³⁾ (Design height)	70 ⁽³⁾ (Design height)	12 + batten height
Board size / roll size / batten length	m	1.00 x 2.40 1.20 x 15 ⁽⁴⁾	1.00 x 2.40 1.20 x 10	0.6 x 2.40	0.6 x 2.40	0.6 x 2.40	0.6 x 2.40	0.6 x 2.40	2.40	2.40	-
Weight	kg/m ²	0.75	1.25	7.45	13.40	16.20	17.20	20.00	-	-	-
	kg/sheet/roll	1.80 18.00 ⁽⁴⁾	3.00 15.00	10.74	19.29	23.32	24.76	28.88	-	-	-
Global warming potential (GWP)		0	0	0	0	0	0	0	0	0	0

Notes ⁽³⁾ Batten height when floor loaded to 25kg/m². ⁽⁴⁾ Subject to availability

Acoustic insulation

		DECKfon®
Properties	Unit	Ultramat 15
Resilient layer composition	-	High density, open cell, low resonance, recycled polyurethane
Type and thickness of facing	-	3mm high density polymeric barrier bonded to both faces of the resilient layer
Resilient layer thickness	mm	9
Overall thickness	mm	15
Board size / roll size / batten length	m	1.00 x 1.20
Weight	kg/m ²	15
	kg/mat	18.00
Global warming potential (GWP)		0

