

Physical Properties - DECKfon Floor Insulation (Acoustic)

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

		DECKfon									
Properties	Unit	Ultralay 3/ Ultralay 3SA ⁽³⁾	Ultralay 5/ Ultralay 5SA ⁽³⁾	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 ⁽⁵⁾ (Design height)	70 ⁽⁵⁾ (Design height)	12 + batten height
Board size / roll size / batten length	m	1.00 x 2.40 1.40 x 17 ⁽⁴⁾	1.00 x 2.40 1.40 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	0.90	1.25	7.45	13.40	16.20	17.20	20.00	-	-	-
	kg/ sheet/roll	2.16 21.42 ⁽⁴⁾	3.00 17.50*	10.74	19.29	23.32	24.76	28.88	-	-	-
Global warming potential (GWP)		0	0	0	0	0	0	0	0	0	0

Note
⁽³⁾ Self adhesive (SA) Ultralay only available in rolls ⁽⁴⁾ Subject to availability
⁽⁵⁾ Batten height when floor loaded to 25kg/m²

		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	1.20 x 1.20
Weight	kg/m ²	15
	kg/mat	21.60
Global warming potential (GWP)		0



Acoustic Edge Strips

Collecta's range of flexible extruded polyethylene edge strips have excellent physical properties:

- Environmentally friendly - CFC, HCFC & HFC free
- Excellent acoustic performance
- Zero ODP
- Low GWP (<5)
- Very low water absorption (<5% BS EN ISO 2896)
- Closed-cell structure

Strip type	YELOfon ES5/10	YELOfon FS30/50
Description	Extruded polyethylene foam roll	Profiled extruded polyethylene foam strip
Dimensions	5mm(t) x 60mm (h) x 50m(l) 5mm(t) x 100mm(h) x 50m(l) 5mm(t) x 120mm(h) x 50m(l) 5mm(t) x 150mm(h) x 50m(l) 10mm(t) x 100mm(h) x 50m(l) 10mm(t) x 150mm(h) x 50m(l)	FS30: 6mm x (30mm x 30mm) x 2m FS50: 6mm x (50mm x 30mm) x 2m
Profile		

Note. Special size flanking strips manufactured to order, subject to minimum quantity.



Caution

Failure to install a perimeter flanking strip correctly will result in acoustic failure