

YELOfon Physical Properties

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

Acoustic insulation

		YELOfon[®]			
Properties	Unit	CHI P 23	CHI P 28	HD5	HD10+
Resilient layer / slab composition	-	Closed-cell, cross-linked polyethylene		Closed-cell, non-cross-linked polyethylene	
Type and thickness of facing/batten	-	18mm P5 chipboard	18mm P5 chipboard	-	-
Resilient layer thickness	mm	5	10	5	10
Overall thickness	mm	23	28	5	10
Board size / roll size / slab size	m	0.6 x 2.40	0.6 x 2.40	1.5 x 75	1.5 x 33.33
Weight	kg/m ²	12.75	12.90	<0.15 (30kg/m ³)	<1.0
	kg/board/roll	18.36	18.57	18.56	≤25
Long term water absorption (Resilient layer)	% vol.	<5.0 ⁽¹⁾	<5.0 ⁽¹⁾	<5.0 ⁽¹⁾	<5.0 ⁽¹⁾
Global warming potential (GWP)		0	0	<5	<5

Note ⁽¹⁾ Percentage of water absorption after 28 days fully immersed (foam)

