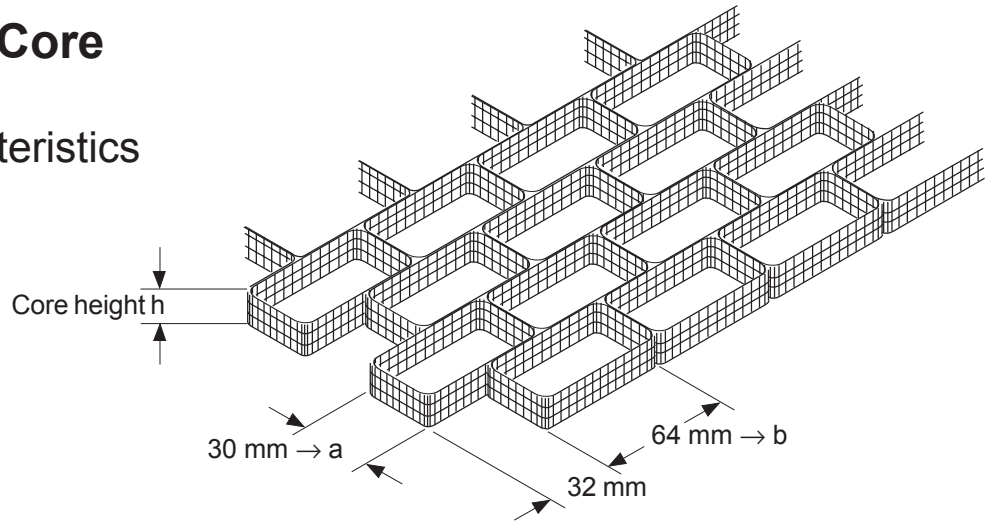


PEKATEX® Grid Core

Type range 30

Material characteristics



PEKATEX® Grid Core Type range 30		plan view		Support Wall	
		a	b	a	b
Frame	mm	30	x	64	
Support wall					
Thickness s ¹⁾	mm	1.63		$2 \times 0.66 = 1.32$	
Length l ¹⁾ per m ² of panel	m / m ²	15.63		33.33	
Material characteristics of supportive structure a and b vertical to the covering sheets					
Compression - Strength ¹⁾	N / mm ²	25.5		9	
- Strain at failure load	%	4.2		2.7	
- Modulus	N / mm ²	614		349	
Tensile					
- Strength	N / mm ²	71		113	
- Elongation at failure load	%	2.4		2.6	
- Modulus	N / mm ²	3,021		4,109	
Compression strenght, calculated ²⁾ per m ² of panel	N / m ²	945,434			
²⁾ calculated from values 1); tests: core height $h = 10$ mm 945,434 N / m ² correspond to 94.5 metric t / m ²					

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