

## DESCRIPTION

PRODUCT CODE: **CBL**

Panel type CBL, manufactured from CBI Europe, fully steel encapsulated dimension 600x600x26 mm, core made by high density woodcore completely encapsulated with galvanised steel 0,5 mm.

## APPLICATION USE




Offices - Private buildings - Public Buildings - Libraries - Banks - Museums - Computer Rooms

## TOP COVERING




Panel designed and manufactured to be installed bare without top covering. The top covering will be applied after installation of the raised access floor and it will be apply lay-loose tiles dimension 500x500 or 600x600 mm carpet or PVC material.



## TECHNICAL SPECIFICATIONS

Dimension	600 x 600 mm	Fire reaction <i>UNI EN 13501-1:</i>	Bfl-s1	 LEED Certified Panel CBI Member of Green Building Council
Thickness	26.0 mm	Fire resistance <i>UNI EN 13501-2:</i>	REI 30	
Weight	9.00 Kg	Airborne Insulation <i>UNI EN ISO 10848-2:</i>	$D_{n,f,w} = 52$ dB	 CE Marking
Panel Core	Woodcore	Impact Sound Insulation <i>UNI EN 140-12 / 717-1:</i>	$L_{n,f,w} = 44$ dB	
Density Core	720 Kg/mc +/-5%	Walking Sound Insulation <i>UNI EN ISO 10140-3:</i> <i>UNI EN ISO 717-2:</i>	$\Delta L_w = 31$ dB	 RINA ISO 9001:2008
Tolerance Dim.	+/-0.3mm	Product Warranty (months):	24	
Life Expectancy	25 Years			

## TECHNICAL FEATURES - UNI EN 12825

STRUCTURE SYSTEM	POINT OF PRESSURE	DEFLECTION 2.5 mm	ULTIMATE LOAD	LOADING CLASS	
<b>CBI/ST</b>	Center of panel	4.6 kN	11.7 kN	5	
	Middle of panel edge	3.7 kN	8.1 kN	3	
	Diagonal 70 mm	3.8 kN	8.2 kN	3	
<b>CBI - CR</b>	Center of panel	4.9 kN	12.2 kN	6	
	Middle of panel edge	3.9 kN	8.9 kN	3	
	Diagonal 70 mm	4.0 kN	9.4 kN	4	
<b>IF Tubolar</b>	Center of panel	5.1 kN	12.9 kN	6	
	Middle of panel edge	4.1 kN	9.4 kN	4	
	Diagonal 70 mm	4.5 kN	9.8 kN	4	