

DESCRIPTION

PRODUCT CODE: **CBI28T**

Panel type CBI28T, manufactured from CBI Europe, half steel encapsulated from bottom to top of the edge with hot dip galvanised steel. Core made by high density woodcore .

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
Thickness	28.5 mm
Weight	8.45 Kg
Panel Core	Woodcore
Density Core	720 Kg/mc +/-5%
Tolerance Dim.	+/-0.3mm
Life Expectancy	25 Years

Fire reaction *UNI EN 13501-1*:

Airborne Insulation *UNI EN ISO 10848-2*:

Impact Sound Insulation *UNI EN 140-12 / 717-1*:

Walking Sound Insulation *UNI EN ISO 10140-8*
UNI EN ISO 717-2:

Product Warranty (months):

Bfl-s1

$D_{n,f,w} = 52 \text{ dB}$

$L_{n,f,w} = 44 \text{ dB}$

$\Delta L_w = 31 \text{ dB}$

24



LEED Certified Panel
CBI Member of
Green Building Council



CE Marking



ISO
9001:2008

TECHNICAL FEATURES - UNI EN 12825

STRUCTURE SYSTEM	POINT OF PRESSURE	DEFLECTION 2.5 mm	ULTIMATE LOAD	LOADING CLASS	
CBI/ST	Center of panel	3.3 KN	9.8 KN	4	
	Middle of panel edge	3.0 KN	7.2 KN	2	
	Diagonal 70 mm	4.3 KN	6.6 KN	2	
STRUCTURE SYSTEM	POINT OF PRESSURE	DEFLECTION 2.5 mm	ULTIMATE LOAD	LOADING CLASS	
CBI - CR	Center of panel	3.5 KN	10.3 KN	5	
	Middle of panel edge	3.2 KN	7.6 KN	2	
	Diagonal 70 mm	4.5 KN	6.9 KN	2	
STRUCTURE SYSTEM	POINT OF PRESSURE	DEFLECTION 2.5 mm	ULTIMATE LOAD	LOADING CLASS	
IF Tubular	Center of panel	3.6 KN	10.8 KN	5	
	Middle of panel edge	3.3 KN	7.9 KN	2	
	Diagonal 70 mm	4.7 KN	7.3 KN	2	