

DESCRIPTION

PRODUCT CODE: **CBI36TG**

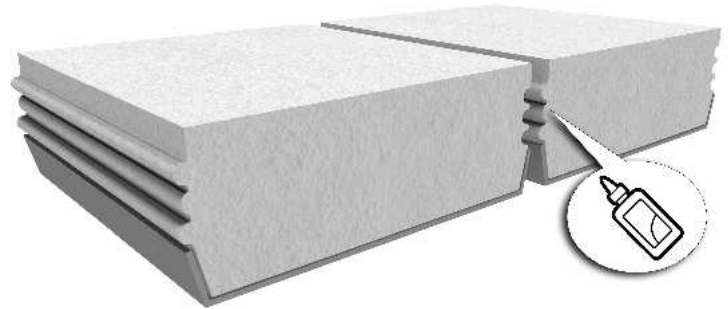
Panel type CBI36TG, Calcium Sulphate Panels, high density, dimension 600x600x36 mm, perimetral edges made by Tongue & Groove technology. Bottom Covering Galvanised Steel Dish 0,5 mm.

APPLICATION USE

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

TOP COVERING

Bare - Alufoil - Hpl - Pvc - Linoleum - Rubber.



TECHNICAL SPECIFICATIONS

Dimension	600 x 600 mm
Thickness	35.5 mm
Weight	17.00 Kg
Panel Core	Calcium sulphate
Density Core	1300 Kg/mc +/-5%
Tolerance Dim.	+/-0.3mm
Life Expectancy	25 Years

Fire reaction <i>UNI EN 13501-1:</i>	A1
Fire resistance <i>UNI EN 13501-2:</i>	REI 30
Airborne Insulation <i>UNI EN ISO 10848-2:</i>	$D_{n,f,w} = 54 \text{ dB}$
Impact Sound Insulation <i>UNI EN 140-12 / 717-1:</i>	$L_{n,f,w} = 41 \text{ dB}$
Walking Sound Insulation <i>UNI EN ISO 10140-3:</i> <i>UNI EN ISO 717-2:</i>	$\Delta L_w = 26 \text{ dB}$
Product Warranty (months):	24

LEED Certified Panel CBI Member of Green Building Council
CE Marking
RINA 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	5.6 kN	11.2 kN	5	
	Middle of panel edge	4.3 kN	7.5 kN	2	
	Diagonal 70 mm	5.6 kN	7.0 kN	2	
CBI - CR	Center of panel	5.9 kN	11.8 kN	5	
	Middle of panel edge	4.5 kN	7.9 kN	2	
	Diagonal 70 mm	5.9 kN	7.4 kN	2	
IF Tubolar	Center of panel	6.2 kN	12.3 kN	6	
	Middle of panel edge	4.7 kN	8.2 kN	3	
	Diagonal 70 mm	6.1 kN	7.7 kN	2	