

## DESCRIPTION

PRODUCT CODE: **CBI30TG**

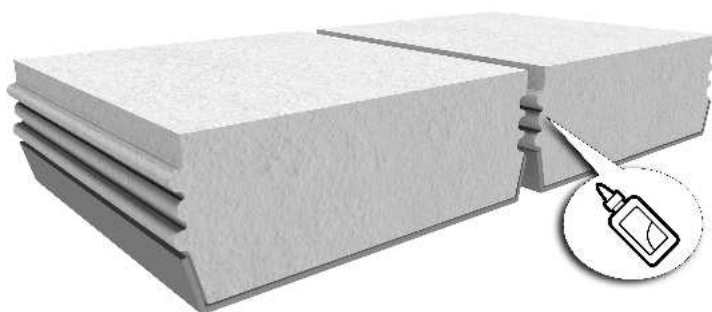
Panel type CBI30TG, Calcium Sulphate Panels, high density, dimension 600x600x30 mm, perimetral edges made by Tongue & Groove tecnology.  
Bottom Covering Galvanised Steel Dish 0,5 mm.

## APPLICATION USE

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

## TOP COVERING

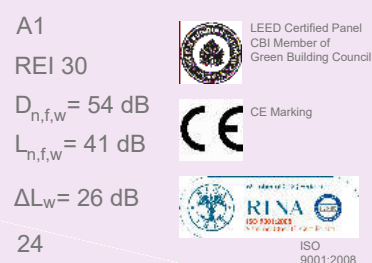
Bare - Alufoil - Hpl - Pvc - Linoleum - Rubber.



## TECHNICAL SPECIFICATIONS

|                 |                  |
|-----------------|------------------|
| Dimension       | 600 x 600 mm     |
| Thickness       | 29.5 mm          |
| Weight          | 14.50 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>                                  | $D_{n,f,w} = 54$ dB  |
| Impact Sound Insulation <i>UNI EN 140-12 / 717-1:</i>                           | $L_{n,f,w} = 41$ dB  |
| Walking Sound Insulation <i>UNI EN ISO 10140-3:</i><br><i>UNI EN ISO 717-2:</i> | $\Delta L_w = 26$ dB |
| Product Warranty (months):  | 24                   |



## 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      | 4.7 kN            | 9.7 kN        | 4             |  |
|                   | Middle of panel edge | 3.6 kN            | 5.7 kN        | 1             |  |
|                   | Diagonal 70 mm       | 5.4 kN            | 6.3 kN        | 2             |  |
| <b>CBI - CR</b>   | Center of panel      | 4.8 kN            | 9.8 kN        | 4             |  |
|                   | Middle of panel edge | 3.6 kN            | 8.8 kN        | 3             |  |
|                   | Diagonal 70 mm       | 5.6 kN            | 8.7 kN        | 3             |  |
| <b>IF Tubolar</b> | Center of panel      | 5.2 kN            | 10.7 kN       | 5             |  |
|                   | Middle of panel edge | 4.0 kN            | 9.1 kN        | 4             |  |
|                   | Diagonal 70 mm       | 5.9 kN            | 9.0 kN        | 4             |  |