

## DESCRIPTION

Panel type PT30V, manufactured from CBI Europe, dimension 600x600x30 mm, high density 720 Kg/mc, perimetral edge ABS 0,5 mm. Bottom covering galvanized steel dish 0.5 mm. Top Covering to be selected from the client.

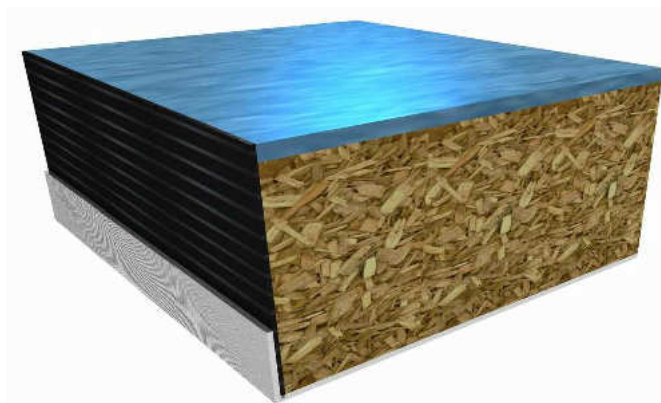
## APPLICATION USE

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

## TOP COVERING

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

PRODUCT CODE: **PT30V**



## TECHNICAL SPECIFICATIONS

|                 |                 |
|-----------------|-----------------|
| Dimension       | 600 x 600 mm    |
| Thickness       | 30.0 mm         |
| Weight          | 11.50 Kg        |
| Panel Core      | Woodcore        |
| Density Core    | 720 Kg/mc +/-5% |
| Tolerance Dim.  | +/-0.3mm        |
| Life Expectancy | 25 Years        |

|   |                      |
|---|----------------------|
| Fire reaction <i>UNI EN 13501-1:</i>  | Bfl-s1               |
| Fire resistance <i>UNI EN 13501-2:</i>  | REI 30               |
| Airborne Insulation <i>UNI EN 140-12 / 717-1:</i>                               | $D_{n,f,w} = 52$ dB  |
| Impact Sound Insulation <i>UNI EN 140-12 / 717-1:</i>                           | $L_{n,f,w} = 44$ dB  |
| Walking Sound Insulation <i>UNI EN ISO 10140-8:</i><br><i>UNI EN ISO 717-2:</i> | $\Delta L_w = 31$ dB |
| Product Warranty (months):  | 24                   |

|   |
|---|
| LEED Certified Panel<br>CBI Member of<br>Green Building Council |
| CE Marking  |
| RINA<br>ISO 9001:2008   |

## 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      | 3.8 KN            | 11.4 KN       | 5             |
|                  | Middle of panel edge | 3.0 KN            | 8.3 KN        | 3             |
|                  | Diagonal 70 mm       | 3.3 KN            | 9.6 KN        | 4             |



| STRUCTURE SYSTEM | POINT OF PRESSURE    | DEFLECTION 2.5 mm | ULTIMATE LOAD | LOADING CLASS |
|------------------|----------------------|-------------------|---------------|---------------|
| <b>CBI - CR</b>  | Center of panel      | 3.9 KN            | 12.0 KN       | 6             |
|                  | Middle of panel edge | 3.2 KN            | 8.7 KN        | 3             |
|                  | Diagonal 70 mm       | 3.5 KN            | 10.0 KN       | 5             |



| STRUCTURE SYSTEM  | POINT OF PRESSURE    | DEFLECTION 2.5 mm | ULTIMATE LOAD | LOADING CLASS |
|-------------------|----------------------|-------------------|---------------|---------------|
| <b>IF Tubular</b> | Center of panel      | 4.2 KN            | 12.6 KN       | 6             |
|                   | Middle of panel edge | 3.3 KN            | 9.2 KN        | 4             |
|                   | Diagonal 70 mm       | 3.6 KN            | 10.5 KN       | 5             |

