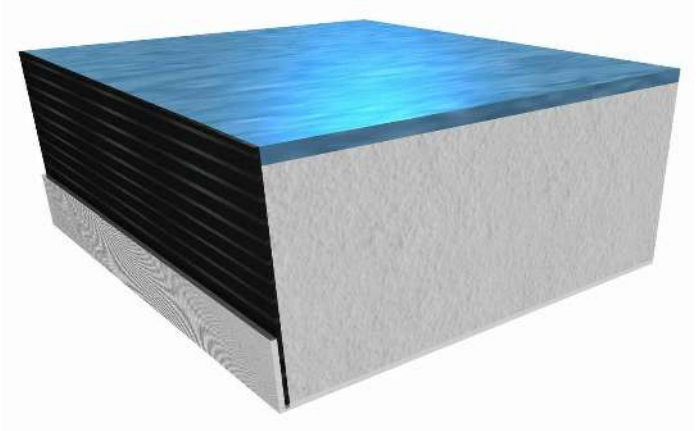
## DESCRIPTION

PRODUCT CODE: **SC30V**

Panel type SC30V, manufactured from CBI Europe, dimension 600x600x30.5 mm, core made by high density calcium sulphate, 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.

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Dimension | 600 x 600 mm |
| Thickness | 30.5 mm |
| Weight | 14.50 Kg |
| Panel Core | Calcium sulphate |
| Density Core | 1300 Kg/mc +/-5% |
| Tollerance Dim. | +/-0.3mm |
| Life Expectancy | 25 Years |

| | |
|---|---|
| Fire reaction *UNI EN 13501-1*: | A1 |
| Fire resistance *UNI EN 13501-2*: | REI 30 |
| Airborne Insulation *UNI EN ISO 10848-2:* | $D_{n,f,w}$= 54 dB |
| Impact Sound Insulation *UNI EN 140-12 / 717-1*: | $L_{n,f,w}$= 41 dB |
| Walking Sound Insulation *UNI EN ISO 10140-3: UNI EN ISO 717-2:* | $\Delta L_w$=31dB |
| Product Warranty (months): | 24 |

LEED Certified Panel
CBI Member of
Green Building Council

CE Marking

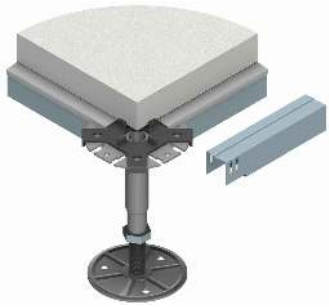
ISO 9001:2008

## TECHNICAL FEATURES - UNI EN 12825

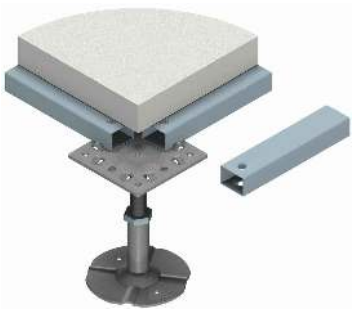
| STRUCTURE SYSTEM | POINT OF PRESSURE | DEFLECTION 2.5 mm | ULTIMATE LOAD | LOADING CLASS |
|---|---|---|---|---|
| **CBI/ST** | Center of panel | 4.7 KN | 9.7 KN | 4 |
| | Middle of panel edge | 3.6 KN | 5.7 KN | 1 |
| | Diagonal 70 mm | 5.4 KN | 6.3 KN | 2 |



| STRUCTURE SYSTEM | POINT OF PRESSURE | DEFLECTION 2.5 mm | ULTIMATE LOAD | LOADING CLASS |
|---|---|---|---|---|
| **CBI - CR** | Center of panel | 4.9 KN | 10.2 KN | 5 |
| | Middle of panel edge | 3.8 KN | 6.0 KN | 2 |
| | Diagonal 70 mm | 5.7 KN | 6.6 KN | 2 |



| STRUCTURE SYSTEM | POINT OF PRESSURE | DEFLECTION 2.5 mm | ULTIMATE LOAD | LOADING CLASS |
|---|---|---|---|---|
| **IF Tubolar** | Center of panel | 5.2 KN | 10.7 KN | 5 |
| | Middle of panel edge | 4.0 KN | 6.3 KN | 2 |
| | Diagonal 70 mm | 5.9 KN | 6.9 KN | 2 |



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Technical Data Indicative, CBI EUROPE reserves the right to change without notice

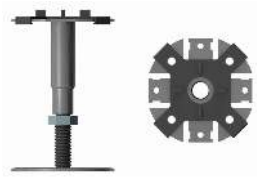
# SYSTEM TYPE: CBI/ST STRUCTURE

Offices - Private buildings

| code | height | |
|---|---|---|
| CBI03 F12 | 45/65 | mm |
| CBI04 F12 | 61/90 | mm |
| CBI05 F12 | 83/130 | mm |
| CBI06 F12 | 120/200 | mm |
| CBI07 F12 | 170/290 | mm |
| CBI01 F16 | 26/35 | mm |
| CBI02 F16 | 32/48 | mm |
| CBI03 F16 | 45/65 | mm |
| CBI04 F16 | 61/90 | mm |
| CBI05 F16 | 83/130 | mm |
| CBI06 F16 | 120/200 | mm |
| CBI07 F16 | 170/290 | mm |
| CBI08 F16 | 250/390 | mm |
| CBI09 F16 | 350/490 | mm |
| CBI10 F16 | 450/650 | mm |

**SYSTEM CBI/ST**
*INSTALLED WITHOUT STRINGERS*





Vertical Axial load of pedestals **CBI 06** according to standard UNI EN 12825

| | | |
|---|---|---|
| TEST - 1 | Ultimate load - 47.15 kN | Mean ultimate load - 53.16 kN |
| TEST - 2 | Ultimate load - 55.78 kN | |
| TEST - 3 | Ultimate load - 56.55 kN | |

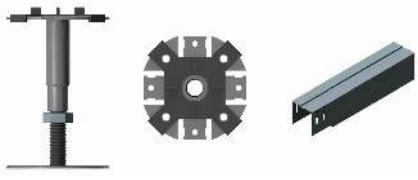
# SYSTEM TYPE: CBI STRUCTURE

Offices - Private buildings

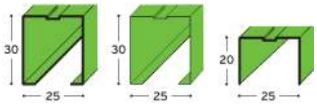
| code | height | |
|---|---|---|
| CBI03 F12 | 45/65 | mm |
| CBI04 F12 | 61/90 | mm |
| CBI05 F12 | 83/130 | mm |
| CBI06 F12 | 120/200 | mm |
| CBI07 F12 | 170/290 | mm |
| CBI03 F16 | 45/65 | mm |
| CBI04 F16 | 61/90 | mm |
| CBI05 F16 | 83/130 | mm |
| CBI06 F16 | 120/200 | mm |
| CBI07 F16 | 170/290 | mm |
| CBI08 F16 | 250/390 | mm |
| CBI09 F16 | 350/490 | mm |
| CBI10 F16 | 450/650 | mm |

**SYSTEM CBI**
*CLIP-ON STRINGERS*





STRINGER: T536/A *25x30mm*
T536/L *25x30mm*
T536/S *25x20mm*




# SYSTEM TYPE: CR STRUCTURE

Offices - Private buildings - Public buildings - Banks - Museums

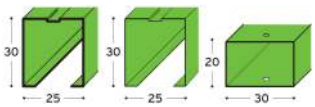
| code | height | |
|---|---|---|
| CR01 F16 | 200/350 | mm |
| CR02 F16 | 350/550 | mm |
| CR03 F18 | 550/800 | mm |
| CR04 F20 | 800/1050 | mm |
| CR05 F20 | 1050/1300 | mm |

**SYSTEM CR**
*CLIP-ON STRINGERS*
*TUBULAR STRINGERS*





STRINGER: T536/A *25x30mm*
T536/L *25x30mm*
TUBOLAR: TT535 *30x20mm*




# SYSTEM TYPE: IF STRUCTURE

Public buildings - Banks - Museums - Computer rooms

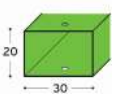
| code | height | |
|---|---|---|
| IF1622 | 160/220 | mm |
| IF2128 | 210/280 | mm |
| IF2734 | 270/340 | mm |
| IF3339 | 330/390 | mm |
| IF3844 | 380/440 | mm |
| IF4349 | 430/490 | mm |
| IF4854 | 480/540 | mm |
| IF5359 | 530/590 | mm |
| IF5873 | 580/730 | mm |
| IF7287 | 720/870 | mm |
| IF8699 | 860/990 | mm |

**SYSTEM IF**
*TUBULAR STRINGERS*





TUBOLAR: TT535 *30x20mm*




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