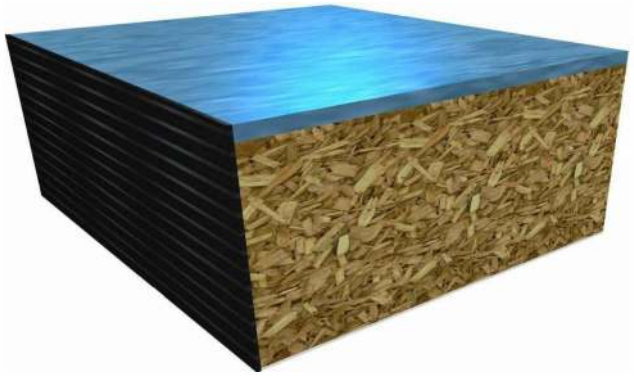
## DESCRIPTION

PRODUCT CODE: **PT38**

Panel type PT38, manufactured from CBI Europe, dimension 600x600x38 mm, high density 720 Kg/mc, perimetral edge ABS 0,5 mm. Bottom Covering Alufoil 0,05 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 | 38.0 mm |
| Weight | 10.00 Kg |
| Panel Core | Woodcore |
| Density Core | 720 Kg/mc +/-5% |
| Tollerance Dim. | +/-0.3mm |
| Life Expectancy | 25 Years |

| | |
|---|---|
| Fire reaction *UNI EN 13501-1*: | Bfl-s1 |
| Fire resistance *UNI EN 13501-2*: | REI 30 |
| Airborne Insulation *UNI EN ISO 10848-2:* | $D_{n,f,w}$= 52 dB |
| Impact Sound Insulation *UNI EN 140-12 / 717-1*: | $L_{n,f,w}$= 44 dB |
| Walking Sound Insulation *UNI EN ISO 10140-8: UNI EN ISO 717-2:* | $\Delta L_w$=24dB |
| Product Warranty (months): | 24 |

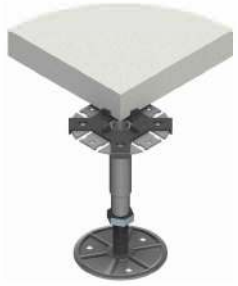
LEED Certified Panel
CBI Member of
Green Building Council

CE Marking

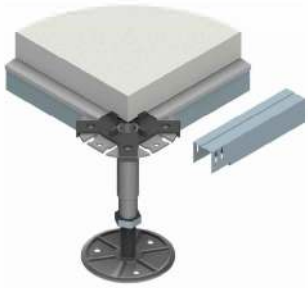
ISO 9001:2008

## TECHNICAL FEATURES - UNI EN 12825

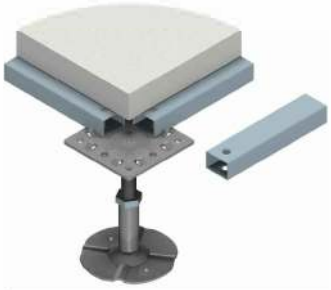
| STRUCTURE SYSTEM | POINT OF PRESSURE | DEFLECTION 2.5 mm | ULTIMATE LOAD | LOADING CLASS |
|---|---|---|---|---|
| **CBI/ST** | Center of panel | 4.0 KN | 11.5 KN | 5 |
| | Middle of panel edge | 3.1 KN | 6.1 KN | 2 |
| | Diagonal 70 mm | 3.6 KN | 8.3 KN | 3 |



| STRUCTURE SYSTEM | POINT OF PRESSURE | DEFLECTION 2.5 mm | ULTIMATE LOAD | LOADING CLASS |
|---|---|---|---|---|
| **CBI - CR** | Center of panel | 4.2 KN | 12.0 KN | 6 |
| | Middle of panel edge | 3.3 KN | 6.4 KN | 2 |
| | Diagonal 70 mm | 3.8 KN | 8.7 KN | 3 |



| STRUCTURE SYSTEM | POINT OF PRESSURE | DEFLECTION 2.5 mm | ULTIMATE LOAD | LOADING CLASS |
|---|---|---|---|---|
| **IF Tubolar** | Center of panel | 4.4 KN | 12.6 KN | 6 |
| | Middle of panel edge | 3.4 KN | 6.7 KN | 2 |
| | Diagonal 70 mm | 4.0 KN | 9.1 KN | 4 |



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

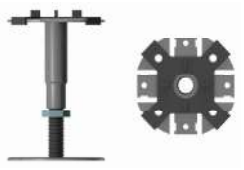
# SYSTEM TYPE: CBI/ST STRUCTURE

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

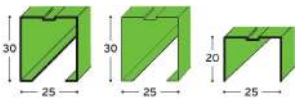
| code | height | |
|---|---|---|
| CBI03 F12 | 45/65 | mm |
| CBI04 F12 | 61/90 | mm |
| CBI05 F12 | 83/130 | mm |
| CBI06 F12 | 120/200 | mm |
| CBI07 F12 | 170/290 | mm |
| CBI03 F16 | 45/65 | mm |
| CBI04 F16 | 61/90 | mm |
| CBI05 F16 | 83/130 | mm |
| CBI06 F16 | 120/200 | mm |
| CBI07 F16 | 170/290 | 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*



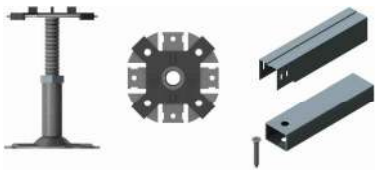

# SYSTEM TYPE: CR STRUCTURE

Offices - Private buildings - Public buildings - Banks - Museums

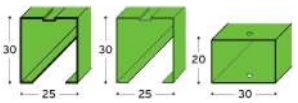
| code | height | |
|---|---|---|
| CR01 F16 | 200/350 | mm |
| CR02 F16 | 350/550 | mm |
| CR03 F18 | 550/800 | mm |
| CR04 F20 | 800/1050 | mm |
| CR05 F20 | 1050/1300 | mm |

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





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



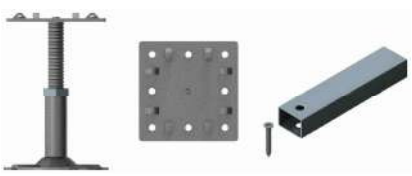

# SYSTEM TYPE: IF STRUCTURE

Public buildings - Banks - Museums - Computer rooms

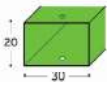
| code | height | |
|---|---|---|
| IF1622 | 160/220 | mm |
| IF2128 | 210/280 | mm |
| IF2734 | 270/340 | mm |
| IF3339 | 330/390 | mm |
| IF3844 | 380/440 | mm |
| IF4349 | 430/490 | mm |
| IF4854 | 480/540 | mm |
| IF5359 | 530/590 | mm |
| IF5873 | 580/730 | mm |
| IF7287 | 720/870 | mm |
| IF8699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

**SYSTEM IF**
*TUBULAR STRINGERS*





TUBOLAR: TT535 *30x20mm*




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