

Installations- / EDB gulv

Fuldindkapslet i stål - træ/calciumsulfat

**NEWS  
2022**

Raised access floors

**BARE PANELS**

**HYBRID  
PANELS**

**FULLY STEEL  
ENCAPSULATED**



**Loft & Lys** ApS  
[www.loftlys.dk](http://www.loftlys.dk)



# Installations- / EDB gulv

## Fuldindkapslet i stål - træ/calciumsulfat

### PANELS

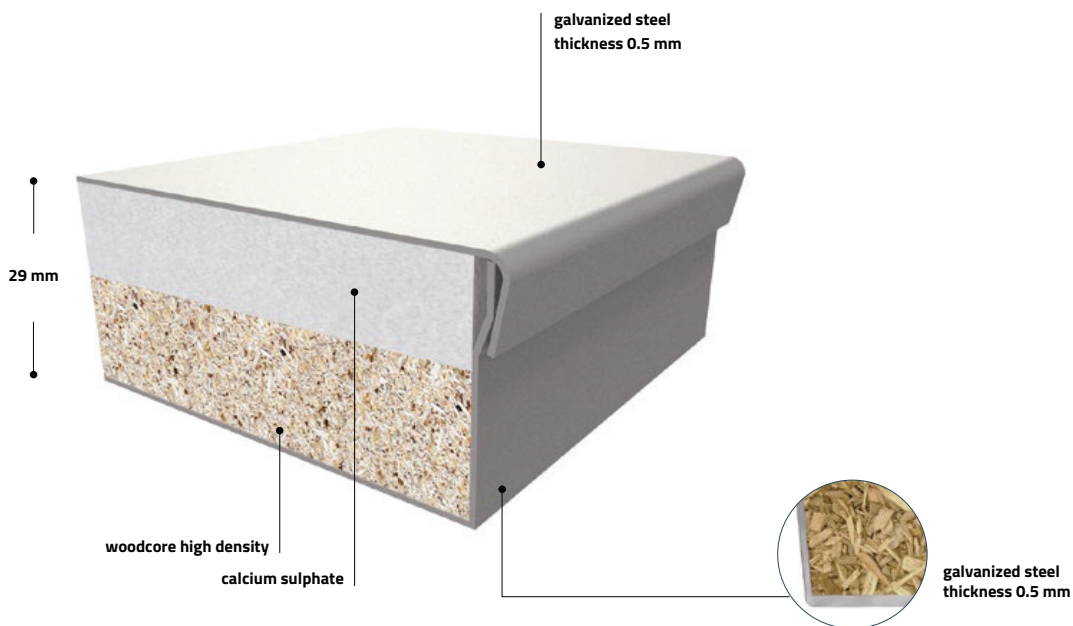
#### HYBRID PANELS

### FULLY STEEL ENCAPSULATED

woodcore high density + calcium sulphate 600 x 600 mm

galvanized steel 0.5 mm

covering: lay-loose tiles (carpet, pvc, rubber)



TECHNICAL SPECIFICATIONS		CBI30-HYBRID
		h 29 mm / kg 12,30
fire reaction UNI EN 13501-1		A1
fire resistance UNI EN 13501-2		> REI 60 <
TECHNICAL FEATURES UNI EN 12825		
 CBI/ST	center of panel - deflection 2,5 mm	4,0 KN
	center of panel - ultimate load	10,3 KN
	loading class	5
 CBI/CR	center of panel - deflection 2,5 mm	4,2 KN
	center of panel - ultimate load	10,8 KN
	loading class	5

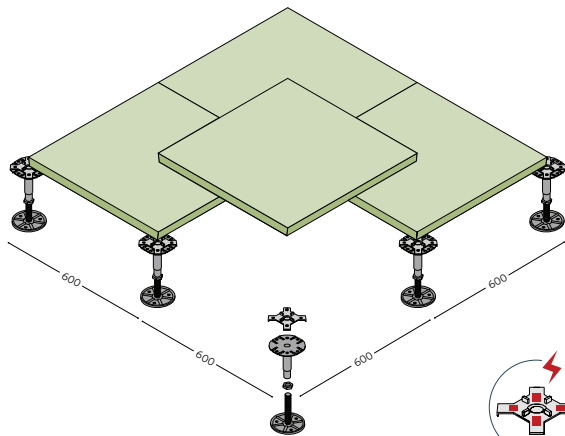
The load resistance tests have been performed in CBI Europe's internal laboratory and simulate the test method indicated by UNI EN 12825: 2001. The results obtained at a height of 20 cm may vary depending on the installation and the general conditions of the site. If the project requires a certification from a third party this must be explicitly requested.



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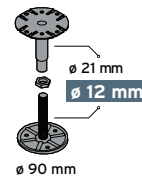
## STRUCTURES

### FLOOR SYSTEM **CBI/ST** without stringers



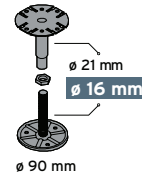
#### adjustable pedestal

##### CBI F12



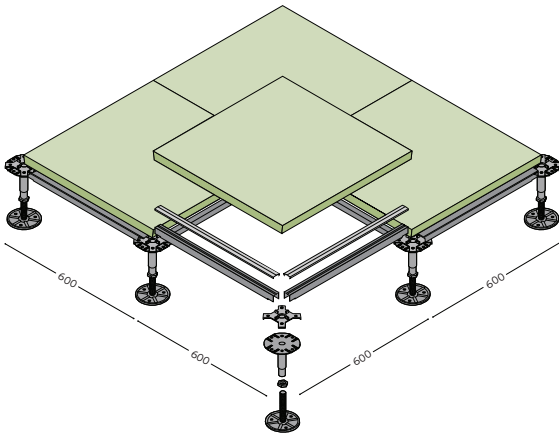
code	height/mm	weight/pcs
<b>CBI03F12</b>	45/65	0,23 Kg
<b>CBI04F12</b>	61/90	0,24 Kg
<b>CBI05F12</b>	83/130	0,27 Kg
<b>CBI06F12</b>	120/200	0,30 Kg

##### CBI F16



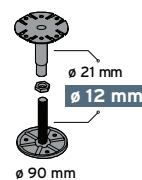
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<b>CBI03F16</b>	45/65	0,30 Kg
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<b>CBI05F16</b>	83/130	0,39 Kg
<b>CBI06F16</b>	120/200	0,45 Kg
<b>CBI07F16</b>	170/290	0,55 Kg

### FLOOR SYSTEM **CBI/ST** with stringers



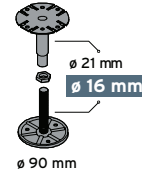
#### adjustable pedestal

##### CBI F12



code	height/mm	weight/pcs
<b>CBI03F12</b>	45/65	0,23 Kg
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<b>CBI06F12</b>	120/200	0,30 Kg

##### CBI F16

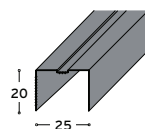
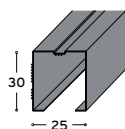
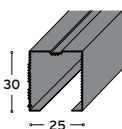


<b>CBI03F16</b>	45/65	0,30 Kg
<b>CBI04F16</b>	61/90	0,34 Kg
<b>CBI05F16</b>	83/130	0,39 Kg
<b>CBI06F16</b>	120/200	0,45 Kg
<b>CBI07F16</b>	170/290	0,55 Kg
<b>CBI08F16</b>	250/390	0,70 Kg
<b>CBI09F16</b>	350/490	0,83 Kg
<b>CBI10F16</b>	450/650	1,00 Kg

T536/A HEAVY

T536/L LIGHT

T536/S SPACER



#### stringers

open section stringer made with galvanised steel, Clip-On System with PVC washer.

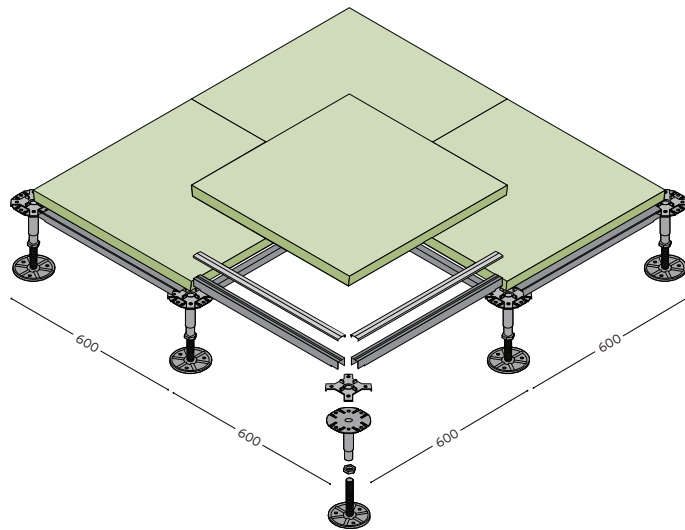
**T536/A** 30 x 25 x 1 mm  
**T536/L** 30 x 25 x 0,7 mm  
**T536/S** 20 x 25 x 0,7 mm



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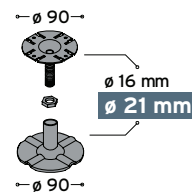
## STRUCTURES

### FLOOR SYSTEM **CR**



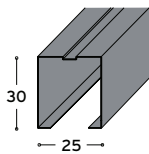
#### adjustable pedestal

##### CR

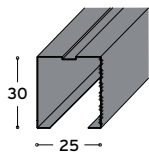


code	height/mm	weight/pcs
<b>CR00F16</b>	120/200	0,55 Kg
<b>CR01F16</b>	200/350	0,68 Kg
<b>CR02F16</b>	350/550	0,94 Kg
<b>CR03F18</b>	550/800	1,34 Kg
<b>CR04F20</b>	800/1050	1,85 Kg
<b>CR05F20</b>	1050/1300	2,14 Kg

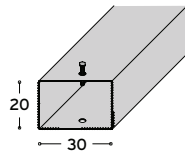
#### T536/A HEAVY



#### T536/L LIGHT



#### TT535



ON REQUEST  
conductive washer  
HGT 300/C.1

#### stringers

open section stringer made with galvanised steel,  
Clip-On / Screw Down System with PVC washer.

**T536/A** 30 x 25 x thk sp. 1 mm  
**T536/L** 30 x 25 x thk sp. 0,7 mm  
**TT535** 20 x 30 x thk sp. 0,8 mm

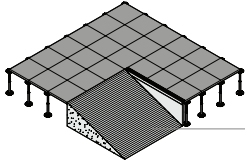


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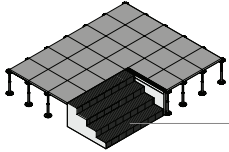
## ACCESSORIES

### RAMPS AND CONNECTION STEPS



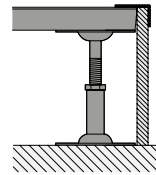
#### R/RAC

\*mdf, connection step with anti-slip black rubber



#### G/Gan

\*mdf, connection step with anti-slip black rubber



extruded aluminium molding

#### A/ALL

● 436 grey

vertical upstand

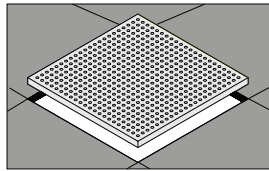
#### FTN/12

○ 422 white ● 436 grey

● 421 black

\*other ramp finishes available on request: HPL, PVC, linoleum

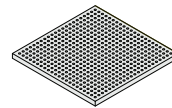
### PERFORATED PANEL



#### AF1

#### AF2

perforated panel for ventilation



600 x 600 mm

#### AF1

holes  $\varnothing$  8 mm S=1.45 dm<sup>2</sup> -20%

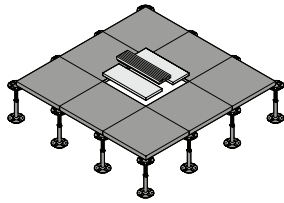
holes  $\varnothing$  10 mm S=2.26 dm<sup>2</sup> -15%

#### AF2

holes  $\varnothing$  8 mm S=2.72 dm<sup>2</sup> -20%

holes  $\varnothing$  10 mm S=4.27 dm<sup>2</sup> -15%

### ALUMINIUM VENTILATION GRID

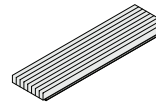


#### GRS/150

#### GRS/300

#### GRS/600

aluminium ventilation grid with dumper for air regulation

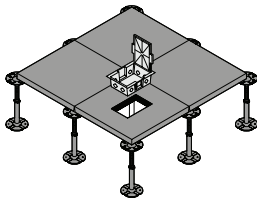


GRS/150 600 x 150 mm

GRS/300 600 x 300 mm

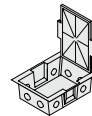
GRS/600 600 x 600 mm

### ELECTRICAL OUTLET BOX



#### TS/8

electrical outlet box

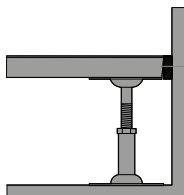


#### TS/8

electrical outlet box, 8 partitions

> available on request 16 modules version

### PERIMETRAL GASKET FOR FIXING



#### X105

\*perimetral gasket for fixing



X105/30 5x30 mm length 28 ml/roll

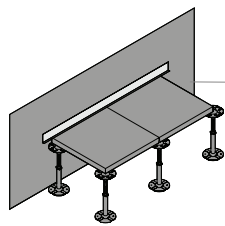
X105/40 5x40 mm length 28 ml/roll

\*one-component polyurethane based foam available on request instead of the perimetral seal

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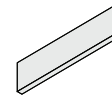
## Fuldindkapslet i stål - træ/calciumsulfat

### SKIRTING



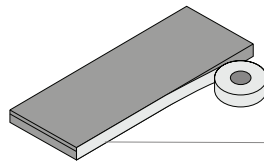
**BT/PVC**  
perimeter skirting

- 422 white
- 436 grey
- 421 black

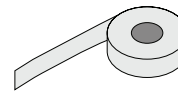


**BT/PVC** 60/80 x 5 x 3000 mm

### SELF-ADHESIVE ALUMINIUM



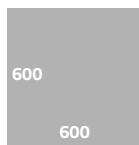
**SA/ALL**  
**SA/ALL.1**  
self-adhesive aluminium tape  
euro class A1 incombustible



**SA/ALL/30** 30 x length 50 ml/rool  
**SA/ALL/40** 40 x length 50 ml/rool

### MODULARITY

panel



The standard  
**600 x 600 mm**  
format effectively  
optimises usage.

incidence

surface	panel	pedestal	stringer
25 m <sup>2</sup>	3,3	4,0 pz/m <sup>2</sup>	7,2 pz/m <sup>2</sup>
50 m <sup>2</sup>	3,3	3,5 pz/m <sup>2</sup>	6,4 pz/m <sup>2</sup>
100 m <sup>2</sup>	3,3	3,3 pz/m <sup>2</sup>	6,2 pz/m <sup>2</sup>
200 m <sup>2</sup>	3,3	3,2 pz/m <sup>2</sup>	6,1 pz/m <sup>2</sup>
400 m <sup>2</sup>	3,3	3,2 pz/m <sup>2</sup>	5,9 pz/m <sup>2</sup>
1000 m <sup>2</sup>	3,3	2,8 pz/m <sup>2</sup>	5,6 pz/m <sup>2</sup>

The average incidence is theoretic. It changes according to the dimension and shape of the space.

### PACKAGING

pedestal

CBIF12	height		CBIF16	height		CR	height	
			<b>CBIO1F16</b>	26/35 mm	<b>80</b>	<b>CR00F16</b>	120/200 mm	<b>50</b>
			<b>CBIO2F16</b>	32/48 mm	<b>80</b>	<b>CR01F16</b>	200/350 mm	<b>30</b>
<b>CBIO3F12</b>	45/65 mm	<b>75</b>	<b>CBIO3F16</b>	45/65 mm	<b>75</b>	<b>CR02F16</b>	350/550 mm	<b>30</b>
<b>CBIO4F12</b>	61/90 mm	<b>60</b>	<b>CBIO4F16</b>	61/90 mm	<b>60</b>	<b>CR03F18</b>	550/800 mm	<b>15</b>
<b>CBIO5F12</b>	83/130 mm	<b>55</b>	<b>CBIO5F16</b>	83/130 mm	<b>55</b>	<b>CR04F20</b>	800/1050 mm	<b>15</b>
<b>CBIO6F12</b>	120/200 mm	<b>50</b>	<b>CBIO6F16</b>	120/200 mm	<b>50</b>	<b>CR05F20</b>	1050/1300 mm	<b>10</b>
<b>CBIO7F12</b>	170/290 mm	<b>40</b>	<b>CBIO7F16</b>	170/290 mm	<b>40</b>			
			<b>CBIO8F16</b>	250/390 mm	<b>30</b>			
			<b>CBIO9F16</b>	350/490 mm	<b>20</b>			
			<b>CBIO10F16</b>	450/650 mm	<b>20</b>			

Pedestal for the IF / IF Plus system are sold individually.



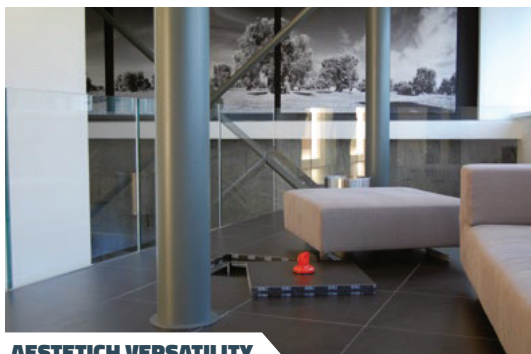


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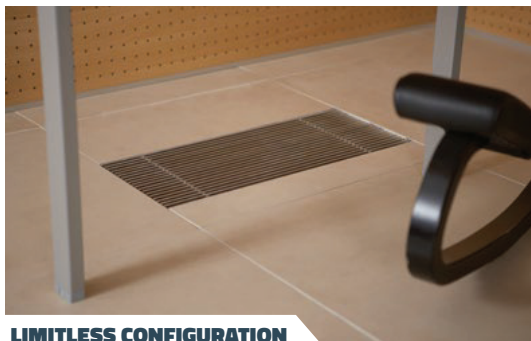
## **RAISED ACCESS FLOORS: versatile, functional, 100% made in Italy.**

CBI Europe is a leading manufacturer of raised access floors, with an output of over a 5 million square metres a year. Thirty years of development and the experience gained from installations in 70 different countries around the world ensure that CBI Europe's raised floor systems solve all the

problems normally caused by incompatibility between architectural restrictions and the perpetual changes demanded by evolving technology. CBI Europe's floors also create environments with a high level of sustainability and livability.



**AESTETICH VERSATILITY**



**LIMITLESS CONFIGURATION**



**HI-TECH PERFORMANCES**

### **Why**

**VERSATILE, HIGH-TECH, SUSTAINABLE,  
EASY TO INSTALL AND INSPECT:  
THE PERFECT SOLUTION FOR ALL  
TYPES OF STRUCTURAL AND DESIGN  
REQUIREMENTS.**

### **Where**

**NEW-BUILD AND REFURBISHED OFFICES,  
BANKS, OPERATIONS CENTRES,  
CONTROL ROOMS, HOSPITALS,  
HOMES AND PUBLIC BUILDINGS.**

### **Benefit**

- **ACHIEVING FLEXIBLE, COMFORTABLE, CONTEMPORARY AND RESPONSIBLE INTERIORS.**
- **OBTAINING POINTS FOR LEED CERTIFICATION.**
- **SOUNDPROOFED ENVIRONMENTS.**
- **SPEEDING UP CONSTRUCTION.**
- **CONTAINING COSTS OF LABOUR AND MAINTENANCE.**
- **STRUCTURES 100% INSPECTABLE.**
- **INTEGRATION WITH ADVANCED CLIMATE CONTROL, DOMOTICS AND LIGHTING.**
- **PRECISE BUDGETING.**



# Installations- / EDB gulv

## Fuldindkapslet i stål - træ/calciumsulfat



### FIRE REACTION

All products are continually subjected to laboratory tests during the design and testing of certified institutes before sale. The Calcium Sulphate Fully Steel Encapsulated System CBI Europe is the first and only one to have obtained the highest certification of fire resistance: REI 60.



### EXTENDED WORKING LIFE & DIMENSIONAL STABILITY

The excellence of the materials used and the production technologies make panels and structures resistant and lasting over time.



### ACOUSTIC ABSORPTION

The high density of the materials used contributes to the absorption of sounds, increasing the comfort of the working environments. Upon request they can be supplied with certifications.



### WALKING COMFORT

The flexural strength ensures an optimal response to the stresses of foot traffic. Upon request they can be supplied with certifications.



### HUMIDITY RESISTANCE

Maintain their dimensional stability even under extreme ambient conditions, and can therefore be installed in environments characterised by high levels of relative humidity and large variations in temperature.



### LEED CERTIFICATION

Wood agglomerate or calcium sulphate panels obtained from recyclable raw materials and manufactured in certified and constantly monitored processes to guarantee the highest standards of quality and safety. Each system contributes to obtaining points for LEED certification.



### FASTNESS

Light, modular and easy to handle, the systems are designed to guarantee rapid installation, respecting all the requirements of planarity and orthogonality. The inspection of the individual panels allows a significant reduction in time and maintenance costs.



### INSPECTABILITY

100% inspectable, giving easy access to water pipes and electrical cables and permitting easy reconfiguration of rooms.

