

**NEW  
2023**

Metal ceilings

# **SLIM BAFFLES** system

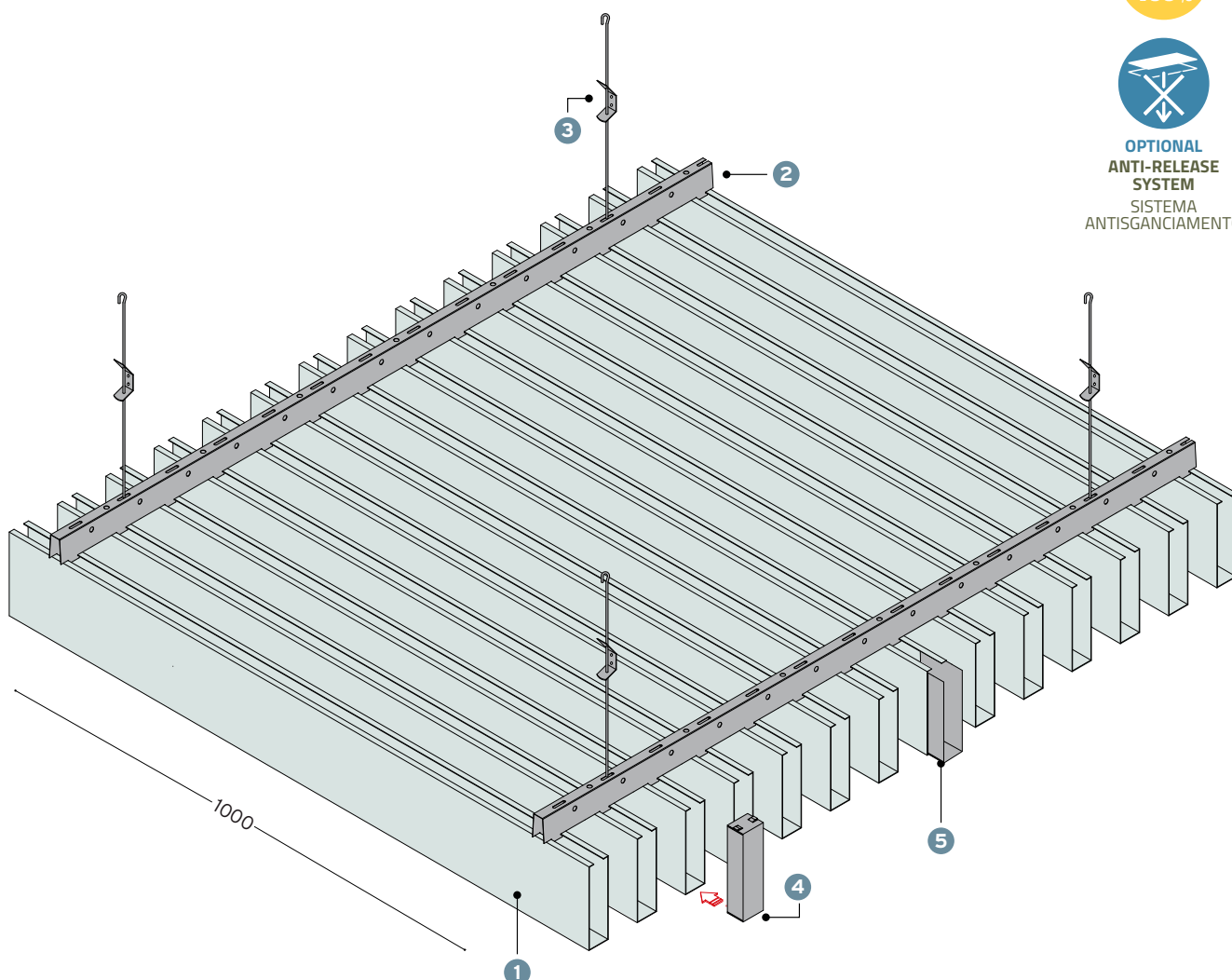


**CBI**  
EUROPE  
HI-TECH INTERIORS

# SLIM BAFFLES



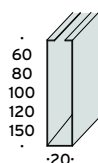
**OPTIONAL  
ANTI-RELEASE  
SYSTEM**  
SISTEMA  
ANTISGANCIAMENTO



## STRIP DOGA

L 4000 mm max

- special length on request
- dimensioni speciali a richiesta



prepainted aluminium  
alluminio preverniciato  
thk sp. 0.5 - 0.6 mm

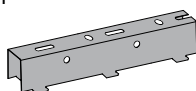
powder coated aluminium  
alluminio postverniciato  
thk sp. 0.5 - 0.6 mm

prepainted galvanized steel  
acciaio zincato preverniciato  
thk sp. 0.4 - 0.5 mm

powder coated steel  
acciaio postverniciato  
thk sp. 0.4 - 0.5 mm

## MAIN RUNNER PROFILO PORTANTE

L 4000 mm



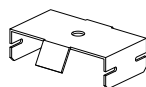
standard pitch passo standard:  
60 mm

- different pitch on request
- varianti passo a richiesta

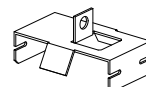
prepainted galvanized steel  
acciaio zincato preverniciato  
thk sp. 0.6 mm

colour: black  
colore: nero

optional: anti-release system  
opzionale: sistema antisganciamento



ESB 01/20 suspension adapter  
for threaded bars  
elemento di sospensione  
per barra filettata



ESB 02/20 suspension adapter  
for hanging brackets  
elemento di sospensione  
per pendino

1

strip  
doga

2

carrier  
profilo portante

3

adjustable suspension  
sospensione regolabile

4

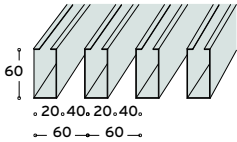
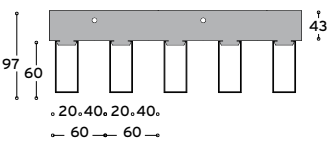
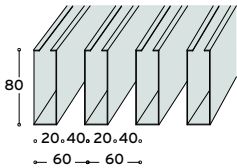
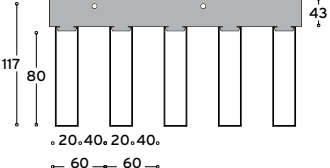
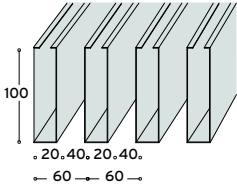
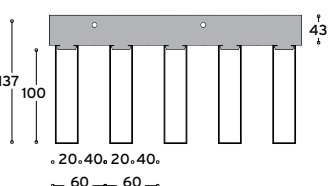
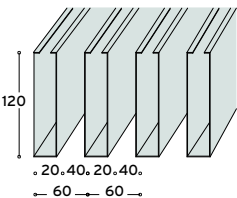
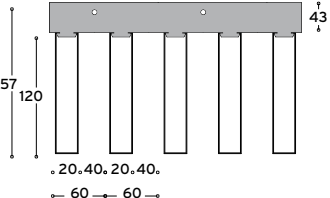
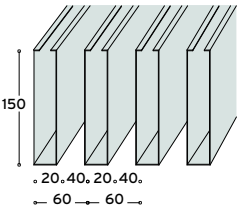
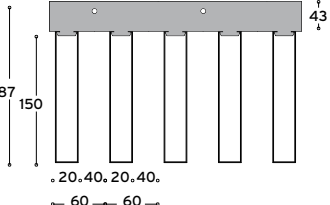
closing caps  
chiusura terminale

5

linear joint  
giunto lineare

## BASE 20 mm

### MAIN RUNNERS \_ PROFILI PORTANTI

| code _ codice  | type _ tipo  | code _ codice   | thickness _ spessore                                      | colour _ colore |               |
|--|--|---|---|-----------------|---------------|
| <b>ST020A1</b>   | metal strips pitch 60 mm<br>doghe passo 60 mm                | <b>T UNI/X</b>  | galvanized steel<br>acciaio zincato<br>thk sp. 0.6 mm     | black<br>nero   | black<br>nero |
|    | size dimensioni incidence incidenza<br>20x60 mm 16.67 ml/mq  |    | length lunghezza incidence incidenza<br>4000 mm 0.9 ml/mq |                 |               |
|  |  |   | pcs_pz : 10   |                 |               |
| <b>ST020A2</b>   | metal strips pitch 60 mm<br>doghe passo 60 mm                | <b>T UNI/X</b>  | galvanized steel<br>acciaio zincato<br>thk sp. 0.6 mm     | black<br>nero   |               |
|    | size dimensioni incidence incidenza<br>20x80 mm 16.67 ml/mq  |    | length lunghezza incidence incidenza<br>4000 mm 0.9 ml/mq |                 |               |
|  |  |   | pcs_pz : 10   |                 |               |
| <b>ST020A3</b>   | metal strips pitch 60 mm<br>doghe passo 60 mm                | <b>T UNI/X</b>  | galvanized steel<br>acciaio zincato<br>thk sp. 0.6 mm     | black<br>nero   |               |
|   | size dimensioni incidence incidenza<br>20x100 mm 16.67 ml/mq |   | length lunghezza incidence incidenza<br>4000 mm 0.9 ml/mq |                 |               |
|  |  |   | pcs_pz : 10   |                 |               |
| <b>ST020A4</b>   | metal strips pitch 60 mm<br>doghe passo 60 mm                | <b>T UNI/X</b>  | galvanized steel<br>acciaio zincato<br>thk sp. 0.6 mm     | black<br>nero   |               |
|  | size dimensioni incidence incidenza<br>20x120 mm 16.67 ml/mq |  | length lunghezza incidence incidenza<br>4000 mm 0.9 ml/mq |                 |               |
|  |  |   | pcs_pz : 10   |                 |               |
| <b>ST020A5</b>   | metal strips pitch 60 mm<br>doghe passo 60 mm                | <b>T UNI/X</b>  | galvanized steel<br>acciaio zincato<br>thk sp. 0.6 mm     | black<br>nero   |               |
|  | size dimensioni incidence incidenza<br>20x150 mm 16.67 ml/mq |  | length lunghezza incidence incidenza<br>4000 mm 0.9 ml/mq |                 |               |
|  |  |   | pcs_pz : 10   |                 |               |

closing caps in aluminium and steel · chiusura terminale alluminio e acciaio

linear joint · giunto lineare

aluminium alluminio 0.5 mm · L 500 mm

for per  
**ST020A1** › TAP 60/20  
**ST020A2** › TAP 80/20  
**ST020A3** › TAP 100/20  
**ST020A4** › TAP 120/20  
**ST020A5** › TAP 150/20

for per  
**ST020A1** › GL 60/20  
**ST020A2** › GL 80/20  
**ST020A3** › GL 100/20  
**ST020A4** › GL 120/20  
**ST020A5** › GL 150/20

# PERFORATION

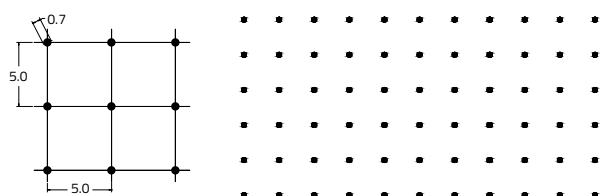
standard width < 600 mm

■ ● perforation

## MICRO PERFORATION

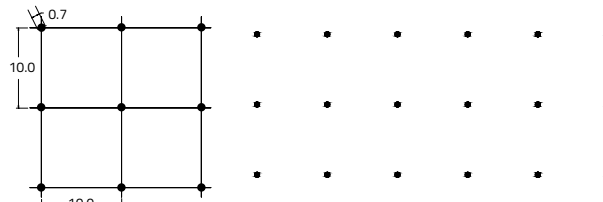
### H - AP0/1

Ø 0.7 mm - parallel pitch 5 mm



### I - AP0/2

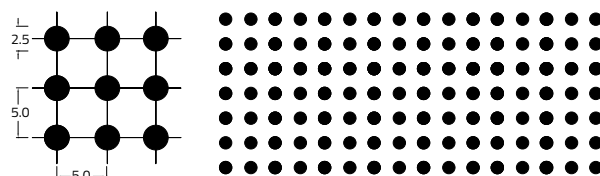
Ø 0.7 mm - parallel pitch 5 mm



## STANDARD PERFORATIONS

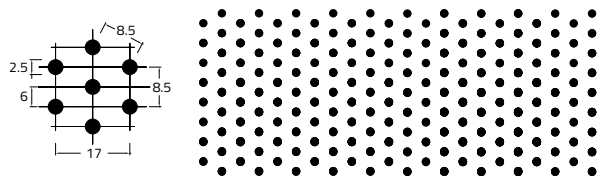
### A

Ø 2.5 mm = 20% - parallel pitch 5 mm



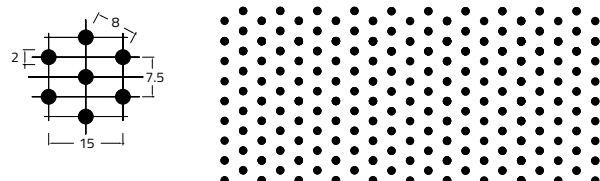
### B

Ø 2.5 mm = 7% - diagonal pitch 8.5 mm



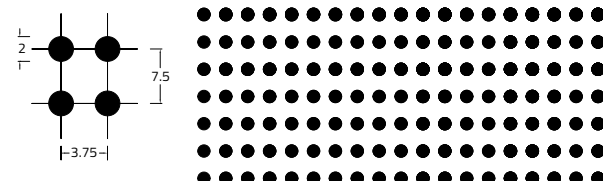
### C

Ø 2.0 mm = 6% - diagonal pitch 8 mm



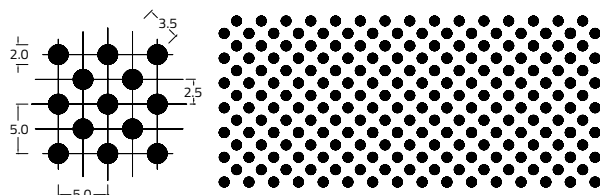
### D

Ø 2.0 mm = 12% - parallel pitch 7.5 mm



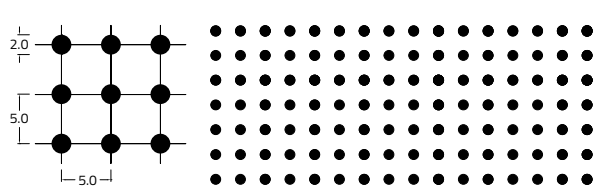
### E - AP3

Ø 2.0 mm = 25% - diagonal pitch 3.5 mm



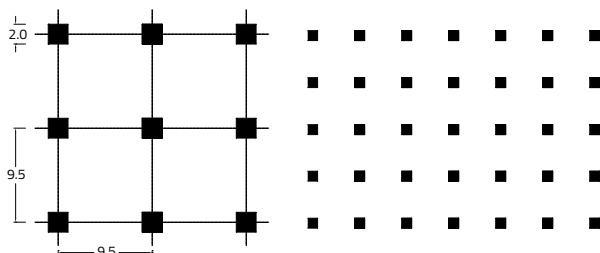
### F - AP4

Ø 2.0 mm = 12.5% - parallel pitch 5 mm



### G - APQ2

2 x 2 = 4.5% - parallel pitch 9.5 mm

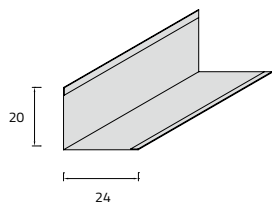




## PERIMETRAL MOLDING

### standard lenght 3000 mm

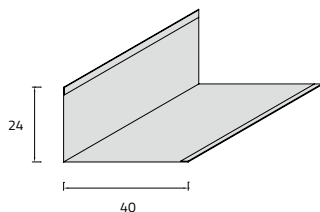
For special dimension perimetral moldings are available



#### 24 X 20

CP 10 aluminum 0.5/0.6 mm

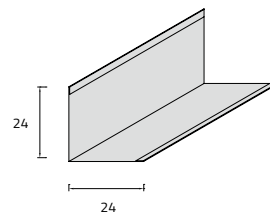
A 3000/B • A 3000/B.1 • A 3000/N • A 3000/M  
steel 0.4/0.5 mm



#### 40 X 24

CP 50 aluminum 0.5/0.6 mm

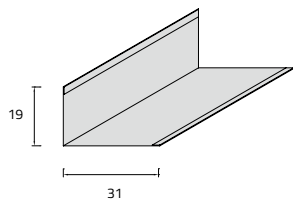
A 3002/B • A 3002/N • A 3002/M  
steel 0.5 mm



#### 24 X 24

CP 10/1 aluminum 0.5/0.6 mm

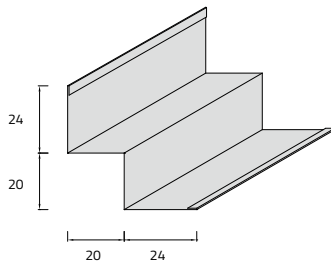
A 3001/B • A 3001/B.1 • A 3001/N • A 3001/M  
steel 0.4/0.5 mm



#### 31 X 19

CP60 aluminum 0.5/0.6 mm

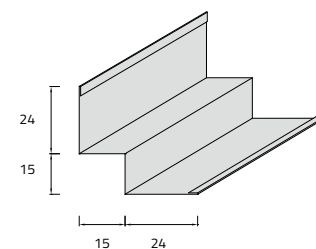
A 3003/B • A 3003/N • A 3003/M  
steel 0.5 mm



#### 24 X 20 X 20 X 24

W 3003/B • W 3003/N • W 3003/M

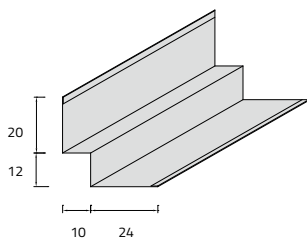
steel 0.5 mm



#### 24 X 15 X 15 X 24

W 3004/B • W 3004/N • W 3004/M

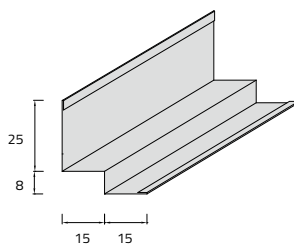
steel 0.5/0.6 mm



#### 20 X 12 X 10 X 24

CF 10 aluminum 0.5 mm

W 3000/B • W 3000/N • W 3000/M  
steel 0.5 mm



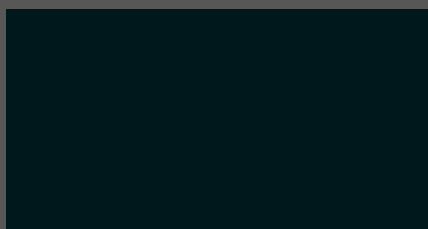
#### 25 X 8 X 15 X 15

W 3002/B • W 3002/N • W 3002/M

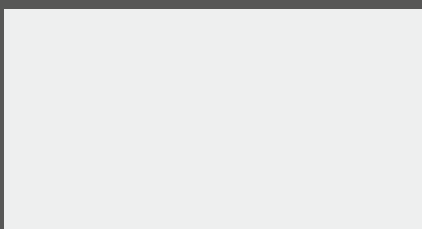
steel 0.5 mm

## COLOURS RANGE

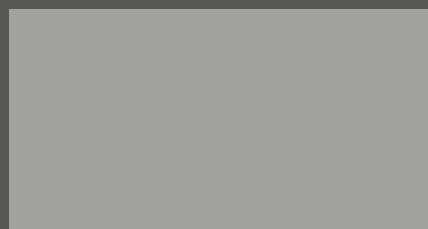
### PREPAINTED STEEL



**RAL 9005** • black

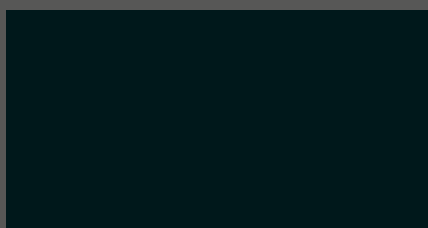


**RAL 9003** • white

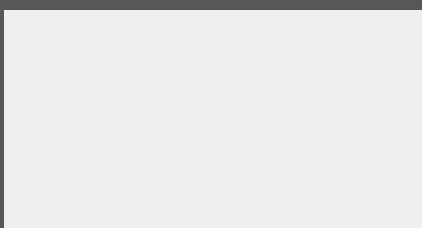


**RAL 9006** • silver

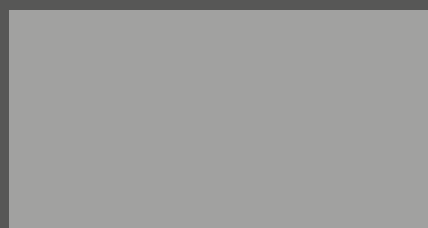
### PREPAINTED ALUMINIUM



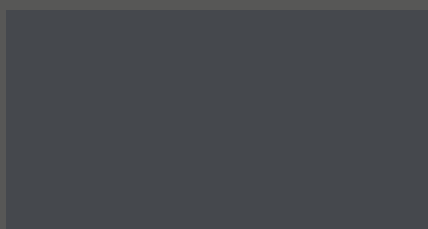
**RAL 9005** • black



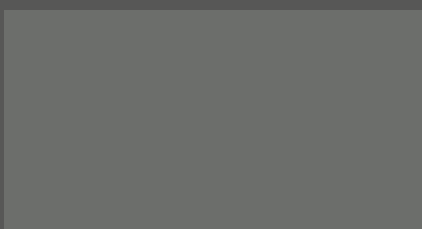
**RAL 9003** • white



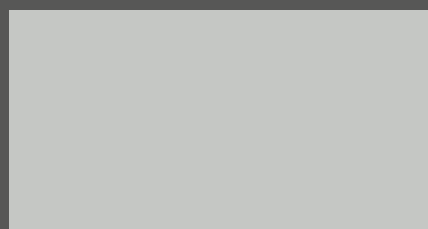
**RAL 9006** • silver



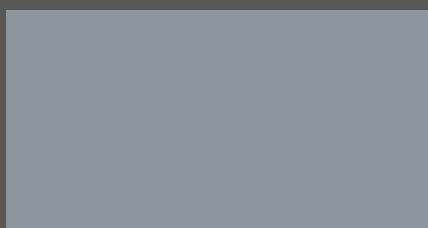
**RAL 7024** • graphite grey



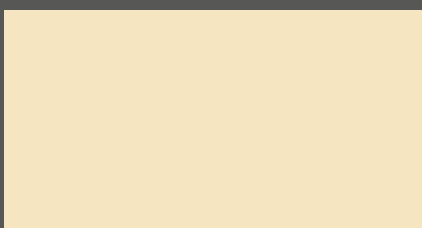
**RAL 7005** • mouse grey



**RAL 7035** • light grey



**RAL 7001** • silver grey

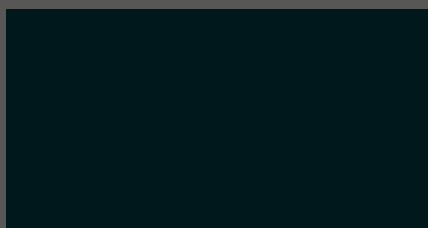


**RAL 1015** • light ivory

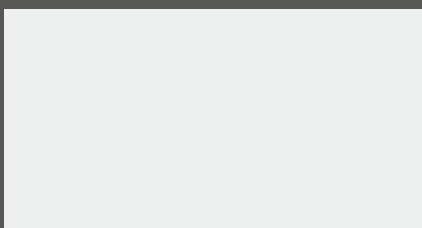


**RAL 1001** • beige

### POSTPAINTED STEEL



**RAL 9005** • black



**RAL 9003** • white



**ALL RAL COLOURS**

The range of colours shown on this page is purely indicative, and we recommend that you request the samples. For other colours, please ask about the availability in stock.

For further details, refer to the bundle of RAL colours and CBI's exclusive colours bundle, or contact the technical department at CBI Europe.

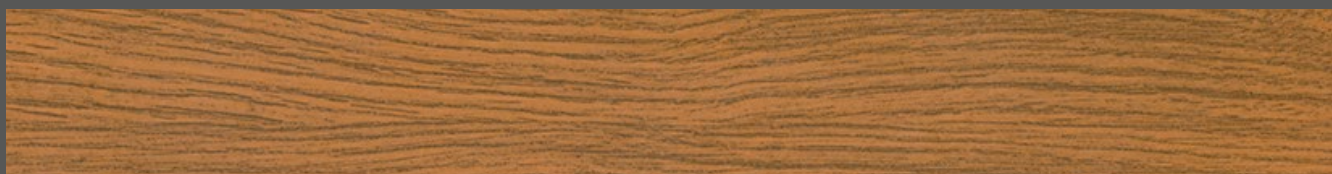
## FINISHES / WOOD COLLECTION



**SL57** · whitened oak



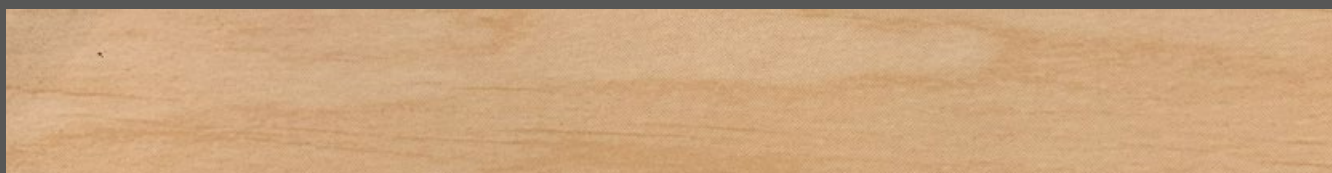
**SL56** · cherry tree



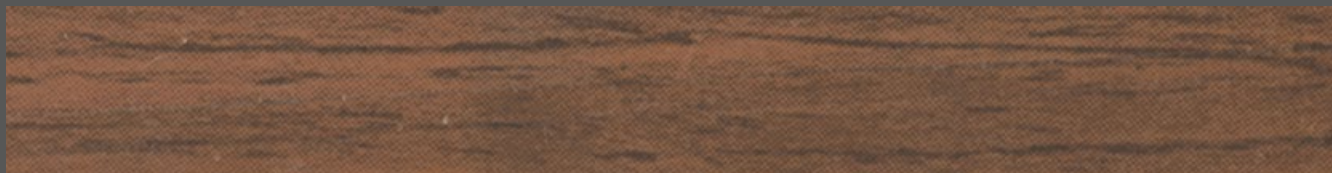
**SL252** · winchester



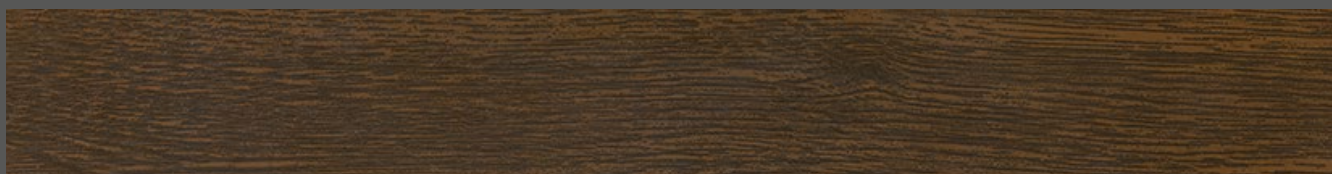
**SL02** · light oak



**6869** · farm maple



**SL28** · teak



**SL39** · dark oak

The range of colours shown on this page is purely indicative, and we recommended that you request the samples. For other colours, please ask about the availability in stock.

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# **BAFFLES:** **Unique atmospheres and contemporary design,** **100% made in Italy.**

CBI Europe's Baffles system: the perfect solution for civil and industrial buildings.

These highly functional architectural elements combine thermal and acoustic insulation with the ability

to integrate ventilation, lighting and security systems.

The fully inspectable strips come in various modular types and designs to allow the suspended ceiling to adapt to all spaces and layouts.



**AESTETICH VERSATILITY**



**LIMITLESS CONFIGURATION**



**HI-TECH PERFORMANCES**

## **Why**

**VERSATILE, FUNCTIONAL, LONG LASTING  
AND EASY TO INSTALL: A PERFECT  
COMBINATION OF TECHNOLOGY AND DESIGN  
THAT GUARANTEES HYGIENE AND STRENGTH.**

## **Where**

**LARGE PUBLIC SPACES - HALLS, SHOPPING  
CENTRES, AIRPORTS, BANKS, OFFICES,  
CORRIDORS, STERILE ENVIRONMENTS,  
THEATRES, CANTEENS, HOSPITALS -  
OUTDOORS AND INDOORS.**

## **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.**





### FIRE REACTION

Including versions incorporating sound-absorbing non-woven fabric, are non-flammable according to the Italian Ministerial Decree of the 15th march 2005, and therefore conform to Euroclass A1 fire reaction requirements (only for not perforated panels).



### HYGIENE

Easy to wash and sterilise. On request, they can also be supplied in a special fungicidal and bactericidal paint finish. We recommend hermetically sealed, Down Clip 200 System Metal Ceilings for use in operating theatres and pharmaceutical industries. All other types of metal suspended ceilings are ideal for use in kitchens, canteens, hospitals and schools. They also provide valuable protection against dust in industries producing delicate electronic circuits. Tests carried out under ISO 22196 ensure the reduction of the microbial population > 95% after 24 hours.



### 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. For outdoor installations, please contact CBI Europe's Technical Department.



### PAINTWORK

Suspended ceilings in pre-painted aluminium and hot-galvanised and pre-painted FeP02 steel are coil-coated with primer and polyester paint to a thickness of 25 microns. Suspended ceilings in electro-galvanised and post-painted FeP02 steel are electrostatically coated with resin based, thermosetting, polyester powder paints to a thickness of 60 microns.



### LIGHT REFLECTANCE

All metal suspended ceilings finished in white and unperforated > 85% have a standard gloss level of 20.



### INTEGRATED ACCESSORIES

All metal suspended ceilings can be fitted with accessories such as lighting units, ventilation vents, smoke detectors, sprinklers and suspended signage



### FASTNESS

The systems are designed to guarantee rapid installation, speeding up the installation phases and respecting all the requirements of planarity and orthogonality.



### ACOUSTIC ABSORPTION

Ceilings and coverings combine acoustic performance, comfort and aesthetics with adequate absorption values. Upon request they can be supplied with certifications issued by independent companies.



### LEED CERTIFICATION

All products are manufactured in certified and constantly monitored processes to guarantee the highest standards of quality and safety.



### ANTI-SEISMIC

The systems guarantee the application of all good safety practices in the construction and development of dedicated projects. Upon request, they can be supplied with an anti-seismic reports, which indicate suitable bracing.

#### CBI EUROPE

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environdec.com

