

**NEW  
2023**

Metal ceilings

**IRON MESH  
BAFFLES**  
system

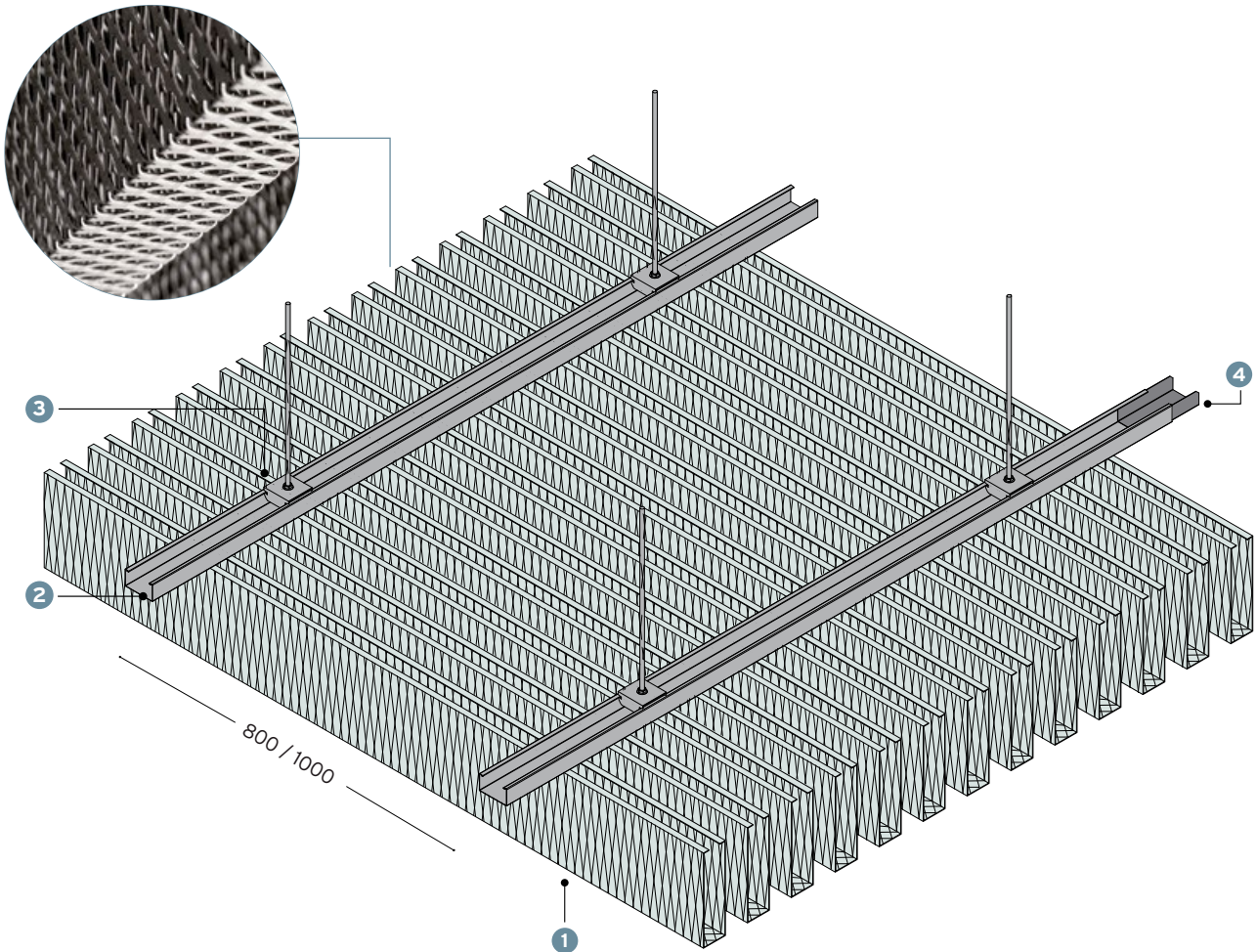


**CBI**  
EUROPE

HI-TECH INTERIORS



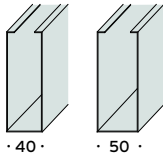
# IRON MESH BAFFLE



## STRIP DOGA

- L 3000 mm max
- special lenght on request
- dimensioni speciali a richiesta

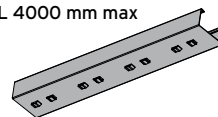
100  
120  
150



powder coated steel  
acciaio postverniciato  
thk sp. 0,8 mm - 1 mm

## MAIN RUNNER PROFILO PORTANTE

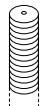
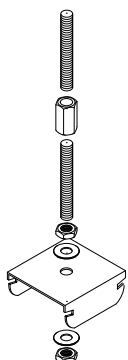
L 4000 mm max



variable pitch  
passo variabile  
800 / 1000 mm

prepainted steel  
acciaio preverniciato  
thk sp. 0.6 mm  
black nero  
RAL 9500

## SUSPENDING SYSTEM SISTEMA DI SOSPENSIONE



**CBFM6X1**  
galvanized thread bar M6  
barra filettata zincata M6



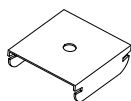
**CRFM6X25**  
galvanized threaded fitting M6  
raccordo filettato zincato M6



**CDEM6**  
galvanized exagonal nut M6  
dado esagonale zincato M6



**CROM6**  
galvanized washer M6  
rondella zincata M6



**CAM 60 SF6**  
suspension adapter for threaded bars  
elemento di sospensione per barra filettata

1

strip  
doga

2

main runner  
profilo portante

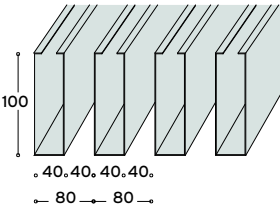
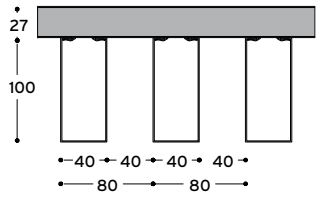
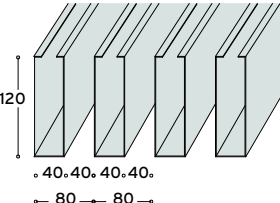
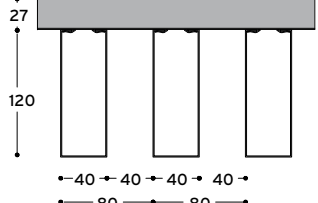
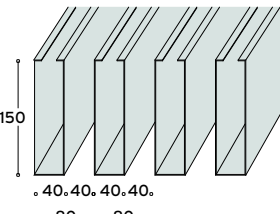
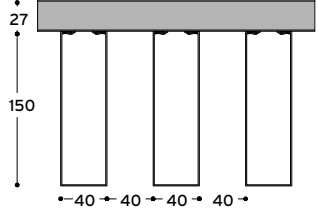
3

suspension adapter for threaded bars  
elemento di sospensione per barra filettata

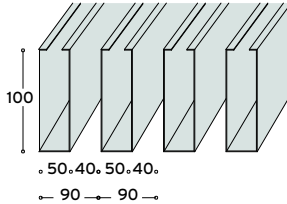
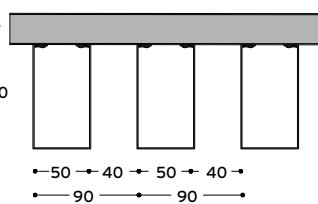
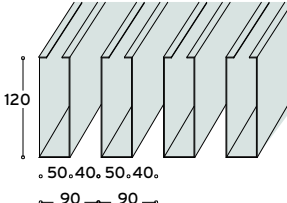
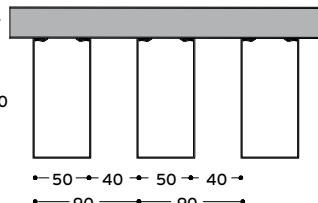
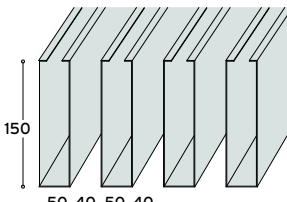
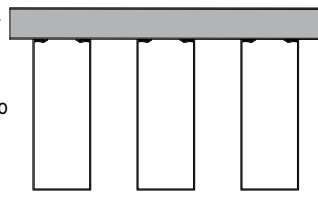
4

GL/1 linear joint for main runner  
giunto lineare per portante

## BASE 40 mm

code _ codice	type _ tipo	MAIN RUNNERS	PROFILI PORT	thickness _ spessore	colour _ colore
<b>ST040A110S</b>	metal strips pitch 80 mm doghe passo 80 mm	<b>P27/60/S4</b>		prepainted steel acciaio preverniciato thk sp. 0.6 mm	black nero RAL 9500
	size dimensioni incidence incidenza 40x100 mm 12.50 ml/mq		length lunghezza incidence incidenza 4000 mm 0.9 ml/mq	pcs_pz : 10	
<b>ST040A610S</b>	metal strips pitch 80 mm doghe passo 80 mm	<b>P27/60/S4</b>		prepainted steel acciaio preverniciato thk sp. 0.6 mm	black nero RAL 9500
	size dimensioni incidence incidenza 40x120 mm 12.50 ml/mq		length lunghezza incidence incidenza 4000 mm 0.9 ml/mq	pcs_pz : 10	
<b>ST040A210S</b>	metal strips pitch 80 mm doghe passo 80 mm	<b>P27/60/S4</b>		prepainted steel acciaio preverniciato thk sp. 0.6 mm	black nero RAL 9500
	size dimensioni incidence incidenza 40x150 mm 12.50 ml/mq		length lunghezza incidence incidenza 4000 mm 0.9 ml/mq	pcs_pz : 10	

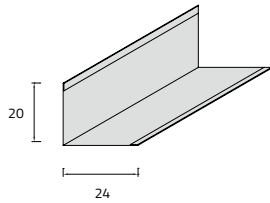
## BASE 50 mm

code _ codice	type _ tipo	MAIN RUNNERS _ PROFILI PORTANTI	thickness _ spessore	colour _ colore
<b>ST050A110S</b>	metal strips pitch 90 mm doghe passo 90 mm	<b>P27/60/S4</b>	prepainted steel acciaio preverniciato thk sp. 0.6 mm	black nero RAL 9500
	size dimensioni incidence incidenza 50x100 mm 11.11 ml/mq		length lunghezza incidence incidenza 4000 mm 0.9 ml/mq	pcs_pz : 10
<b>ST050A610S</b>	metal strips pitch 90 mm doghe passo 90 mm	<b>P27/60/S4</b>	prepainted steel acciaio preverniciato thk sp. 0.6 mm	black nero RAL 9500
	size dimensioni incidence incidenza 50x120 mm 11.11 ml/mq		length lunghezza incidence incidenza 4000 mm 0.9 ml/mq	pcs_pz : 10
<b>ST050A210S</b>	metal strips pitch 90 mm doghe passo 90 mm	<b>P27/60/S4</b>	prepainted steel acciaio preverniciato thk sp. 0.6 mm	black nero RAL 9500
	size dimensioni incidence incidenza 50x150 mm 11.11 ml/mq		length lunghezza incidence incidenza 4000 mm 0.9 ml/mq	pcs_pz : 10

## PERIMETRAL MOLDING

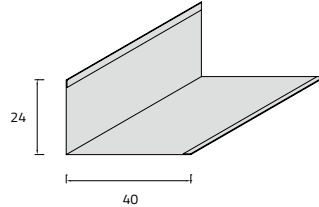
### standard length 3000 mm

For special dimension perimetral moldings are available



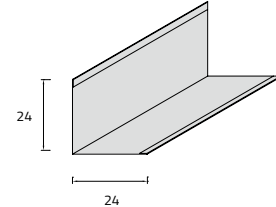
#### 24 X 20

**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



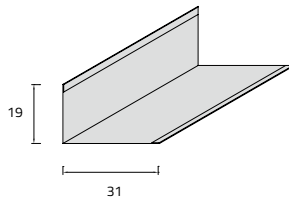
#### 40 X 24

**CP 50** aluminum 0.5/0.6 mm  
**A 3002/B - A 3002/N - A 3002/M**  
 steel 0.5 mm



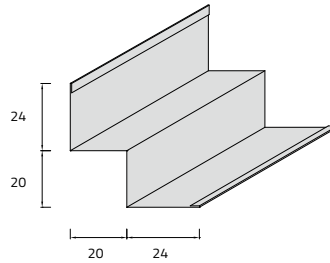
#### 24 X 24

**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



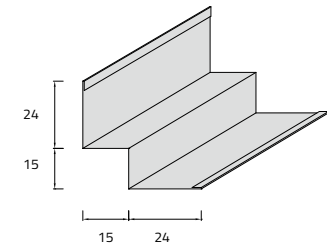
#### 31 X 19

**CP60** aluminum 0.5/0.6 mm  
**A 3003/B - A 3003/N - A 3003/M**  
 steel 0.5 mm



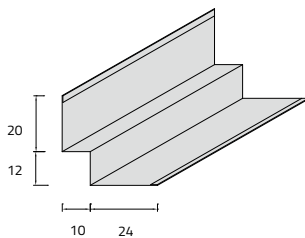
#### 24 X 20 X 20 X 24

**W 3003/B - W 3003/N - W 3003/M**  
 steel 0.5 mm



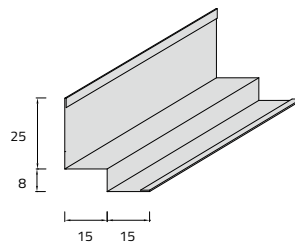
#### 24 X 15 X 15 X 24

**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

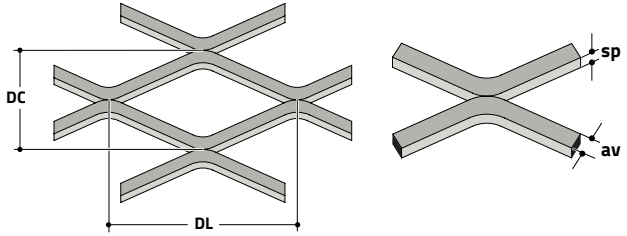


#### 25 X 8 X 15 X 15

**W 3002/B - W 3002/N - W 3002/M**  
 steel 0.5 mm

# METAL MESH

## DIMENSIONS



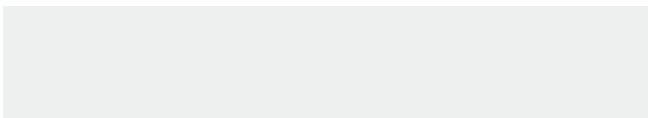
	<b>DL</b> long diagonal	<b>DC</b> short diagonal	<b>av</b> advancement	<b>sp</b> thickness
<b>CBI ST 10</b> RHOMBOIDAL MESH	16 mm	8 mm	2 mm	1 mm

## CERTIFICATIONS

<b>Durability of galvanized items:</b>	<b>B class</b>	<b>Release of dangerous substances:</b>	<b>none</b>
<b>Corrosion resistance:</b> Galvanized steel products Pre-painted galvanized steel products	<b>C2 Class</b> <b>C3 Class</b>	Post-painted galvanized steel products Pre and post-painted aluminum products	<b>C4 Class</b> <b>C5 Class</b>

## FINISHING

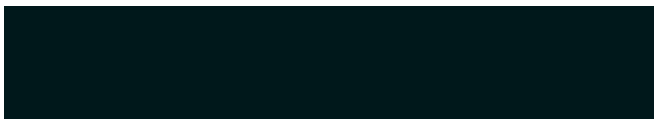
### Powder Coated



**RAL 9003**  
white



**RAL 9006**  
silver



**RAL 9005**  
black



**ALL RAL COLOURS**

### Protective transparent paint



> maintains raw original effect

# **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

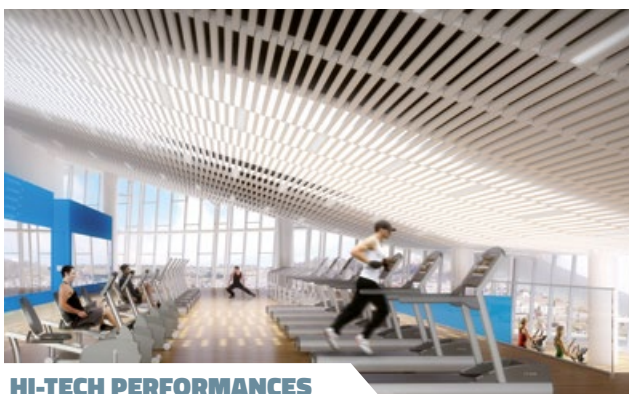
to integrate ventilation, lighting and security systems. The fully inspectable strips come in various modular types and designs to allow the suspended ceiling to adapt to all spaces and layouts.



**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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