

Metal ceilings

# **METAL MESH** **EXPO 100** system

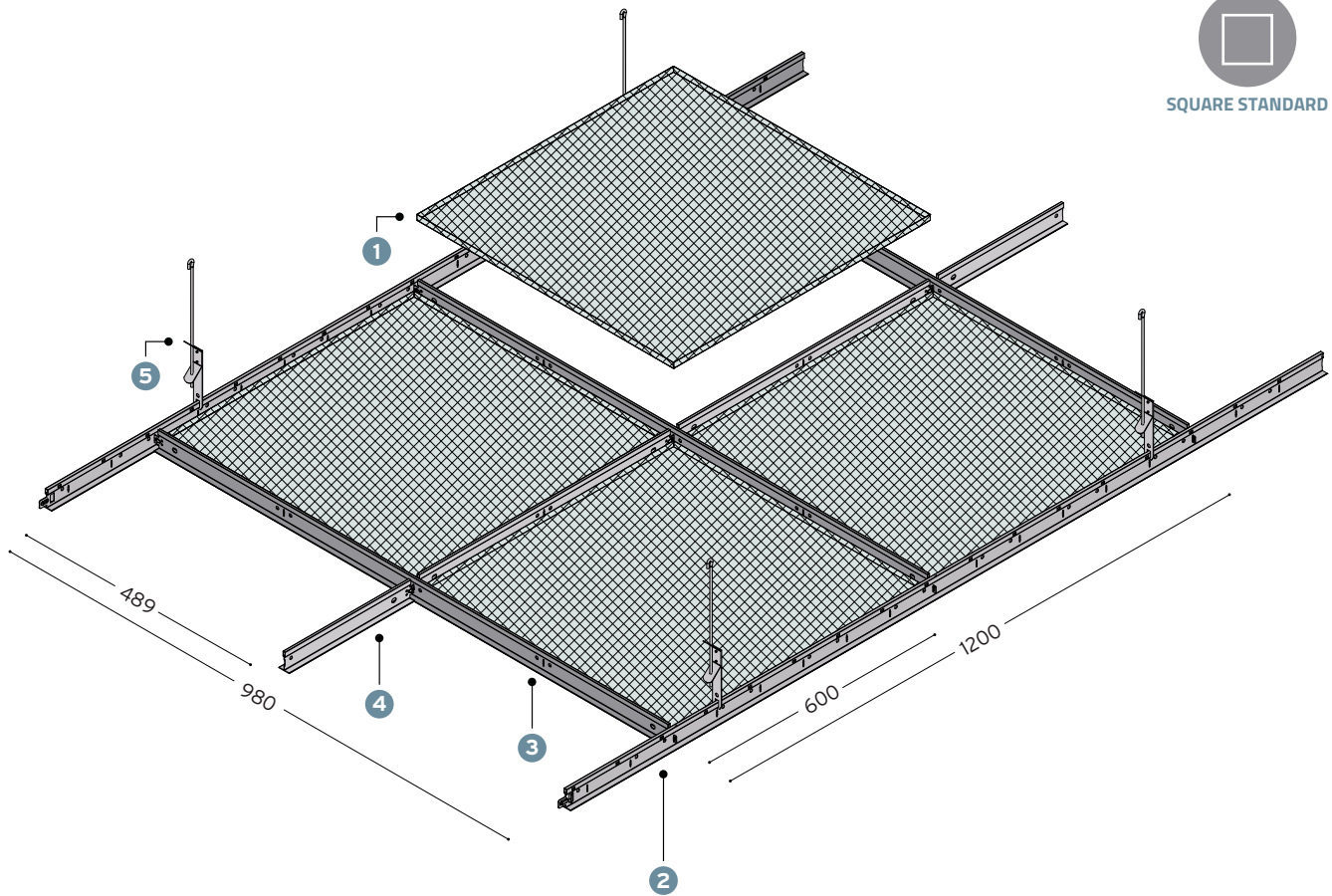
 **CBI**  
EUROPE  
HI-TECH INTERIORS



# 600x600 METAL MESH EXPO 100 SYSTEM



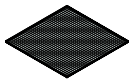
SQUARE STANDARD



## PANEL PANNELLO

600 x 600 mm

powder coated steel  
acciaio postverniciato



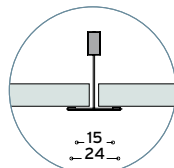
incidence incidenza: 2.78 pcs/mq

## GRID SYSTEM STRUTTURA

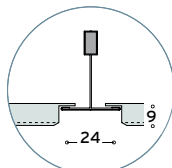
> UNICLICK

> CLICK

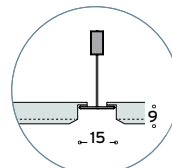
> INN



TRIM



REVEAL



NARROW

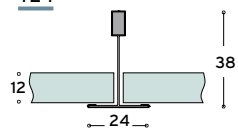
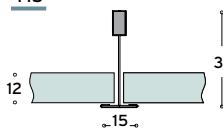
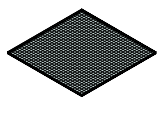
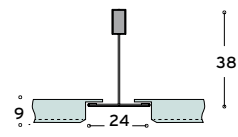
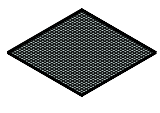
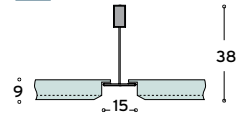
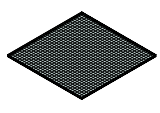
## TRIM / REVEAL

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
panel pannello 600x600 mm	<b>PK 3700</b> main runner profilo portante 24x38x3700 mm 0.83 ml/mq	<b>IKH 1200</b> cross tee profilo intermedio 24x38x1200 mm 1.67 ml/mq	<b>IKH 0600</b> cross tee profilo intermedio 24x38x600 mm 0.83 ml/mq	<b>CAR2001</b> hanger bracket attacco di sospensione 0.8 pcs/mq

## NARROW

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
panel pannello 600x600 mm	<b>PKA 3700</b> main runner profilo portante 15x38x3700 mm 0.83 ml/mq	<b>IKHA 1200</b> cross tee profilo intermedio 15x38x1200 mm 1.67 ml/mq	<b>IKHA 0600</b> cross tee profilo intermedio 15x38x600 mm 0.83 ml/mq	<b>CAR2001</b> hanger bracket attacco di sospensione 0.8 pcs/mq

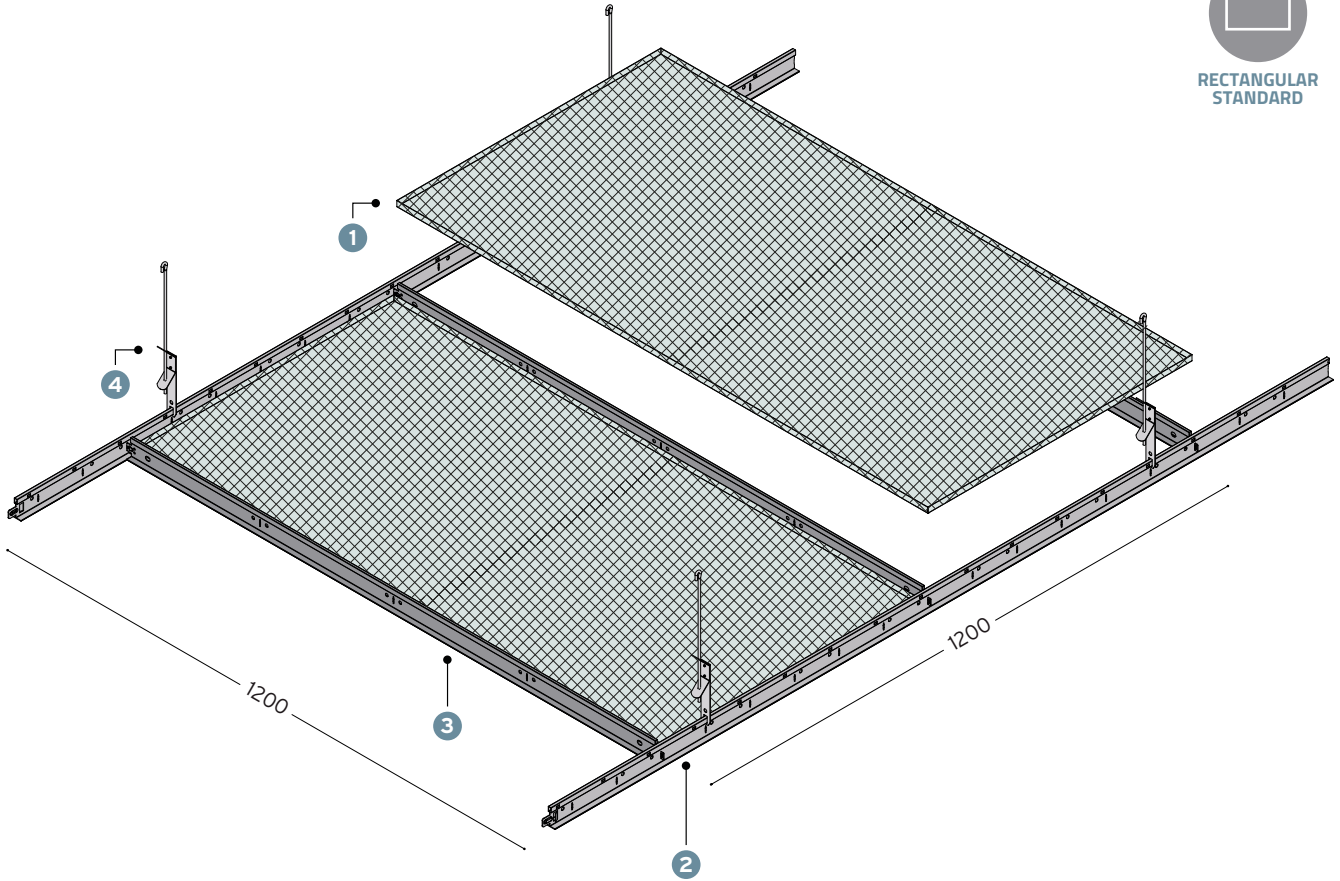
STRUCTURE \_ STRUTTURA exposed grid system \_ struttura a vista con pannello in appoggio

<p><b>TRIM</b></p> <p><b>T24</b></p>  <p><b>T15</b></p> 	<p><b>MXTA00X</b></p>  <p>pcs_pz: 20</p>	<p>panel trim edge, stretched metal 8x6 mm pannello bordo trim, angolo vivo,</p> <table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>600 x 600 x 12 mm</td> <td>2.78 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	600 x 600 x 12 mm	2.78 pcs/mq
size _ dimensioni	incidence _ incidenza					
600 x 600 x 12 mm	2.78 pcs/mq					
<p><b>REVEAL</b></p> <p><b>T24</b></p> 	<p><b>MXRA09X</b></p>  <p>pcs_pz: 25</p>	<p>panel reveal edge, 9 mm drop, 3 mm bevel, stretched metal 8x6 mm pannello bordo reveal, ribasso 9 mm, angolo smussato 3 mm,</p> <table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>600 x 600 x 9 mm</td> <td>2.78 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	600 x 600 x 9 mm	2.78 pcs/mq
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600 x 600 x 9 mm	2.78 pcs/mq					
<p><b>NARROW</b></p> <p><b>T15</b></p> 	<p><b>MXNA09X</b></p>  <p>pcs_pz: 25</p>	<p>panel narrow edge, 9 mm drop, 3 mm bevel, stretched metal 8x6 mm pannello bordo narrow, ribasso 9 mm, angolo smussato 3 mm,</p> <table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>600 x 600 x 9 mm</td> <td>2.78 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	600 x 600 x 9 mm	2.78 pcs/mq
size _ dimensioni	incidence _ incidenza					
600 x 600 x 9 mm	2.78 pcs/mq					

# 600x1200 METAL MESH EXPO 100 SYSTEM

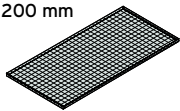


RECTANGULAR  
STANDARD



## PANEL PANNELLO

600 x 1200 mm



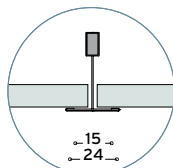
powder coated steel  
acciaio postverniciato

incidenza incidenza: 1.39 pcs/mq

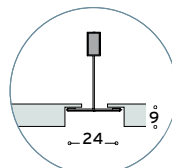
## GRID SYSTEM STRUTTURA

### › UNICLICK

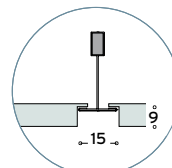
- › CLICK
- › INN
- › XLINE



TRIM



REVEAL



NARROW

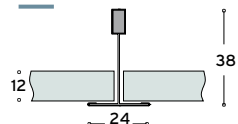
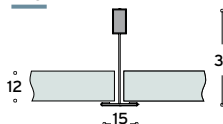
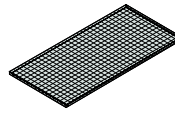
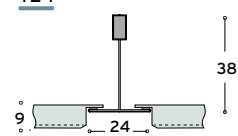
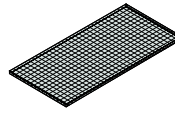
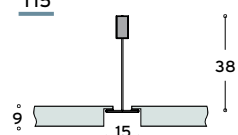
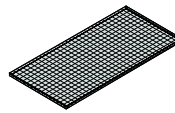
## TRIM / REVEAL

1	2	3	4
panel pannello 600x1200 mm	<b>PK 3700</b> main runner profilo portante 24x38x3700 mm 0.83 ml/mq	<b>IKH 1200</b> cross tee profilo intermedio 24x38x1200 mm 1.67 ml/mq	<b>CAR2001</b> hanger bracket attacco di sospensione 0.8 pcs/mq

## NARROW

1	2	3	4
panel pannello 600x1200 mm	<b>PKA 3700</b> main runner profilo portante 15x38x3700 mm 0.83 ml/mq	<b>IKHA 1200</b> cross tee profilo intermedio 15x38x1200 mm 1.67 ml/mq	<b>CAR2001</b> hanger bracket attacco di sospensione 0.8 pcs/mq

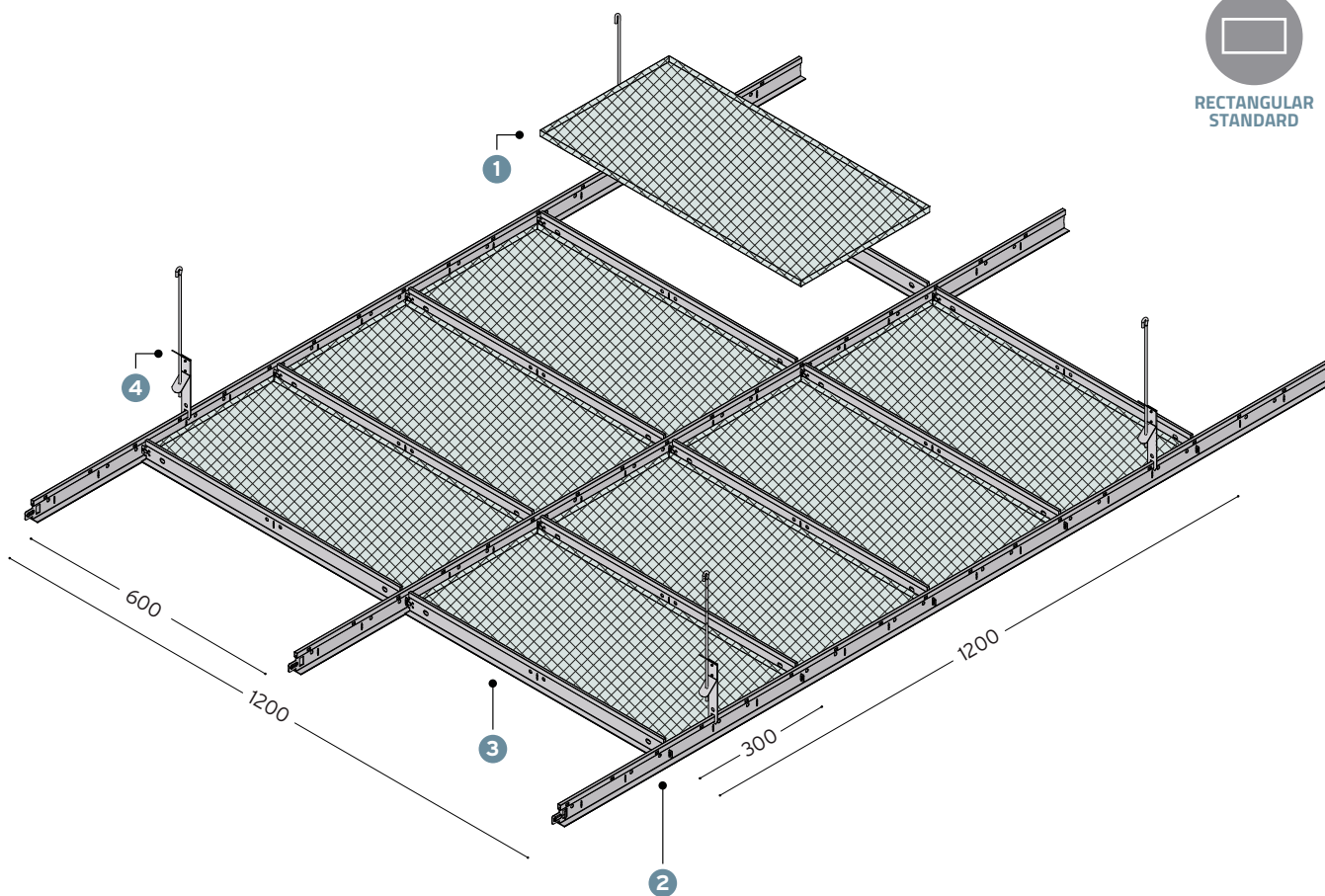
STRUCTURE \_ STRUTTURA exposed grid system \_ struttura a vista con pannello in appoggio

<p><b>TRIM</b></p> <p><b>T24</b></p>  <p><b>T15</b></p> 	<p><b>MXTB00V</b></p>  <p>pcs_pz: 20</p>	<p>panel trim edge pannello bordo trim, angolo vivo</p> <table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>600 x 1200 x 12 mm</td> <td>1.39 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	600 x 1200 x 12 mm	1.39 pcs/mq
size _ dimensioni	incidence _ incidenza					
600 x 1200 x 12 mm	1.39 pcs/mq					
<p><b>REVEAL</b></p> <p><b>T24</b></p> 	<p><b>MXRB09S</b></p>  <p>pcs_pz: 25</p>	<p>panel reveal edge, 9 mm drop, 3 mm bevel pannello bordo reveal, ribasso 9 mm, angolo smussato 3 mm</p> <table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>600 x 1200 x 9 mm</td> <td>1.39 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	600 x 1200 x 9 mm	1.39 pcs/mq
size _ dimensioni	incidence _ incidenza					
600 x 1200 x 9 mm	1.39 pcs/mq					
<p><b>NARROW</b></p> <p><b>T15</b></p> 	<p><b>MXNB09V</b></p>  <p>pcs_pz: 25</p>	<p>square panel narrow squared edge, 9 mm drop pannello bordo narrow, ribasso 9 mm, angolo vivo</p> <table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>600 x 1200 x 9 mm</td> <td>1.39 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	600 x 1200 x 9 mm	1.39 pcs/mq
size _ dimensioni	incidence _ incidenza					
600 x 1200 x 9 mm	1.39 pcs/mq					

# 300x600 METAL MESH EXPO 100 SYSTEM

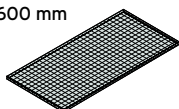


RECTANGULAR  
STANDARD



## PANEL PANNELLO

300 x 600 mm



powder coated steel  
acciaio postverniciato

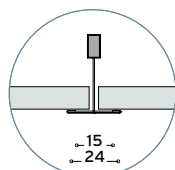
incidenza incidenza: 5.56 pcs/mq

## GRID SYSTEM STRUTTURA

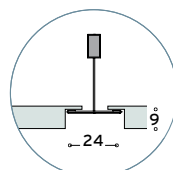
> UNICLICK

> CLICK

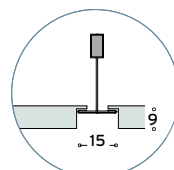
> INN



TRIM



REVEAL



NARROW

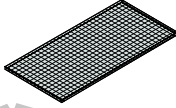

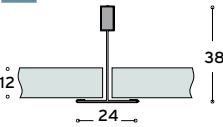
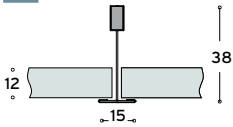
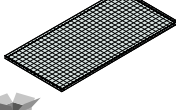

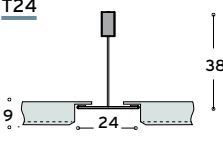
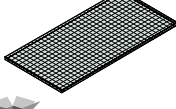

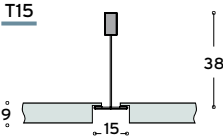
## TRIM / REVEAL

1	2	3	4
panel pannello 300x600 mm	<b>PK 3700</b> main runner profilo portante 24x38x3700 mm 0.83 ml/mq	<b>IKH 0600</b> cross tee profilo intermedio 24x38x600 mm 3.34 ml/mq	<b>CAR2001</b> hanger bracket attacco di sospensione 0.8 pcs/mq

## NARROW

1	2	3	4
panel pannello 300x600 mm	<b>PKA 3700</b> main runner profilo portante 15x38x3700 mm 0.83 ml/mq	<b>IKH 0600</b> cross tee profilo intermedio 15x38x1200 mm 3.34 ml/mq	<b>CAR2001</b> hanger bracket attacco di sospensione 0.8 pcs/mq

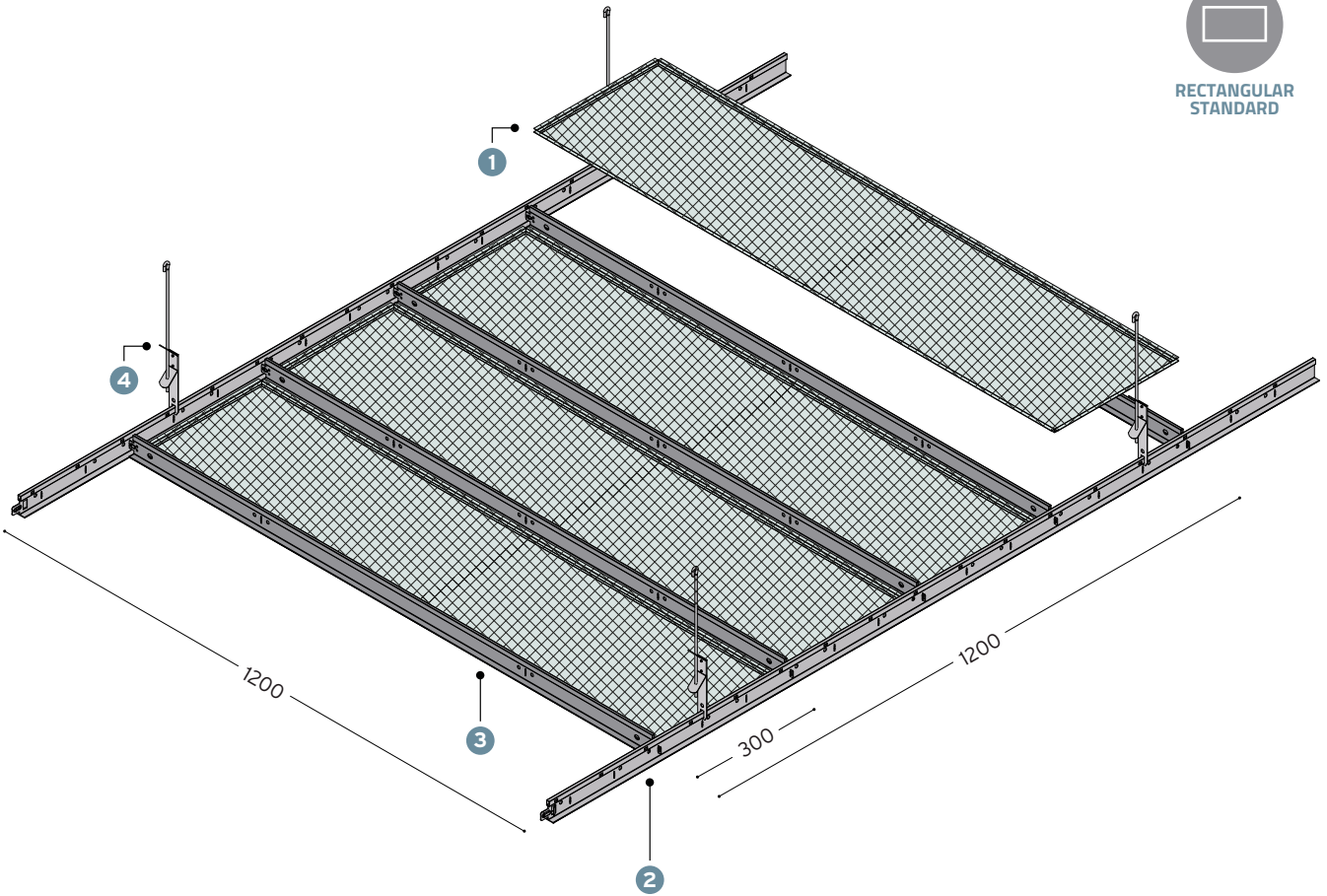
STRUCTURE \_ STRUTTURA exposed grid system \_ struttura a vista con pannello in appoggio

TRIM	<b>MXTC00V</b>	panel trim edge pannello bordo trim, angolo vivo				
<u>T24</u>	<u>T15</u>	  pcs_pz: 20				
		<table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>300 x 600 x 12 mm</td> <td>5.56 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	300 x 600 x 12 mm	5.56 pcs/mq
size _ dimensioni	incidence _ incidenza					
300 x 600 x 12 mm	5.56 pcs/mq					
REVEAL	<b>MXRC09S</b>	panel reveal edge, 9 mm drop, 3 mm bevel pannello bordo reveal, ribasso 9 mm, angolo smussato 3 mm				
<u>T24</u>	  pcs_pz: 25	<table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>300 x 600 x 9 mm</td> <td>5.56 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	300 x 600 x 9 mm	5.56 pcs/mq
size _ dimensioni	incidence _ incidenza					
300 x 600 x 9 mm	5.56 pcs/mq					
						
NARROW	<b>MXNC09V</b>	square panel narrow squared edge, 9 mm drop pannello bordo narrow, ribasso 9 mm, angolo vivo				
<u>T15</u>	  pcs_pz: 25	<table border="1"> <thead> <tr> <th>size _ dimensioni</th> <th>incidence _ incidenza</th> </tr> </thead> <tbody> <tr> <td>300 x 600 x 9 mm</td> <td>5.56 pcs/mq</td> </tr> </tbody> </table>	size _ dimensioni	incidence _ incidenza	300 x 600 x 9 mm	5.56 pcs/mq
size _ dimensioni	incidence _ incidenza					
300 x 600 x 9 mm	5.56 pcs/mq					
						

# 300x1200 METAL MESH EXPO 100 SYSTEM

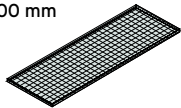


RECTANGULAR  
STANDARD



## PANEL PANNELLO

300 x 1200 mm



powder coated steel  
acciaio postverniciato

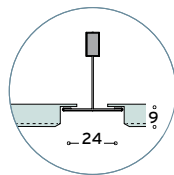
incidence incidenza: 2.78 pcs/mq

## GRID SYSTEM STRUTTURA

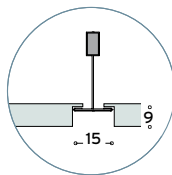
> UNICLICK

> CLICK

> INN



REVEAL



NARROW

### REVEAL

1

panel  
pannello  
300x1200 mm

2

**PK 3700** main runner  
profilo portante  
24x38x3700 mm  
0.83 ml/mq

3

**IKH 1200** cross tee  
profilo intermedio  
24x38x1200 mm  
3.34 ml/mq

4

**CAR2001** hanger bracket  
attacco di sospensione  
0.8 pcs/mq

### NARROW

1

panel  
pannello  
300x1200 mm

2

**PKA 3700** main runner  
profilo portante  
24x38x3700 mm  
0.83 ml/mq

3

**IKHA 1200** cross tee  
profilo intermedio  
24x38x1200 mm  
3.34 ml/mq

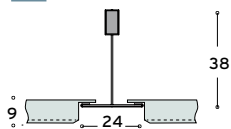
5

**CAR2001** hanger bracket  
attacco di sospensione  
0.8 pcs/mq



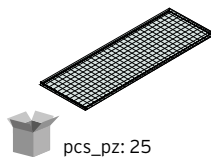
**REVEAL**

**T24**



**MXRD09S**

panel reveal edge, 9 mm drop, 3 mm bevel  
 pannello bordo reveal, ribasso 9 mm, angolo smussato 3 mm



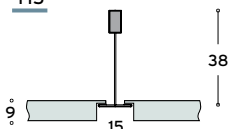
pcs\_pz: 25

size \_ dimensioni  
 300 x 1200 x 9 mm

incidence \_ incidenza  
 2.78 pcs/mq

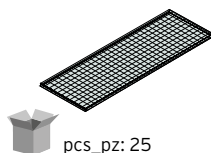
**NARROW**

**T15**



**MXND09V**

square panel narrow squared edge, 9 mm drop  
 pannello bordo narrow, ribasso 9 mm, angolo vivo



pcs\_pz: 25

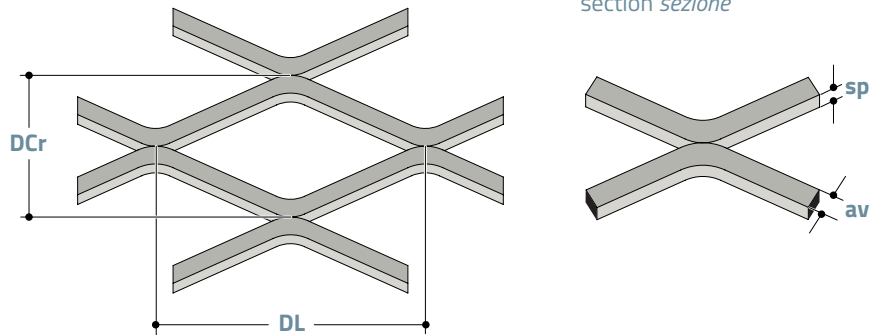
size \_ dimensioni  
 300 x 1200 x 9 mm

incidence \_ incidenza  
 2.78 pcs/mq

# METAL MESH LAMIERA STIRATA

## DIMENSIONS DIMENSIONI

DL long diagonal · diagonale lunga  
 DC short diagonal · diagonale corta  
 av advancement · avanzamento  
 sp thickness · spessore



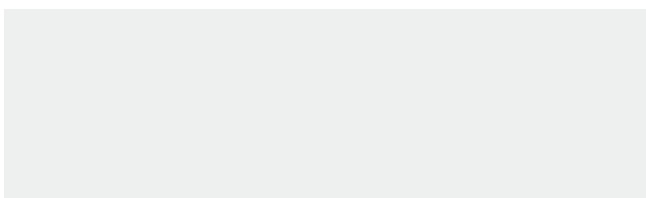
code codice	description descrizione	DL long diagonal diagonale lunga	DC short diagonal diagonale corta	av advancement avanzamento	sp thickness spessore	% perforation foratura
<b>CBI ST10</b>	RHOMBOIDAL MESH · MAGLIA ROMBOIDALE	16 mm	8 mm	2 mm	1 mm	<b>50 %</b>
<b>CBI ST11</b>	RHOMBOIDAL MESH · MAGLIA ROMBOIDALE	28 mm	10 mm	1,5 mm	1 mm	<b>70 %</b>
<b>CBI ST12</b>	RHOMBOIDAL MESH · MAGLIA ROMBOIDALE	43 mm	14 mm	2,5 mm	1 mm	<b>64 %</b>

## CERTIFICATIONS CERTIFICAZIONI

<b>Durability of galvanized items</b> <i>Durabilità zincati</i>	<b>class B</b>	<b>Release of dangerous substances</b> <i>Emissione sostanze pericolose</i>	<b>none</b>
<b>CORROSION RESISTANCE · REAZIONE ALLA CORROSIONE</b>			
Galvanised steel products <i>Prodotti in acciaio zincato</i>	<b>C2</b>	Pre-painted galvanised steel products <i>Prodotti in acciaio zincato pre-verniciato</i>	<b>C3</b>
Post-painted galvanised steel products <i>Prodotti in acciaio zincato post-verniciato</i>	<b>C4</b>	Pre and post-painted aluminum products <i>Prodotti in alluminio pre o post-verniciato</i>	<b>C5</b>

## FINISHES FINITURE

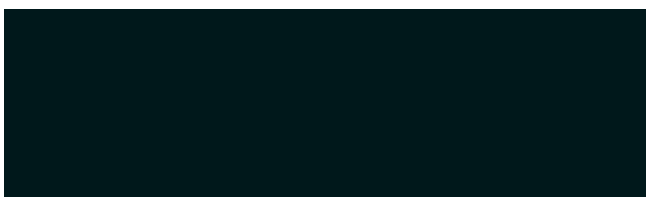
### POWDER COATED



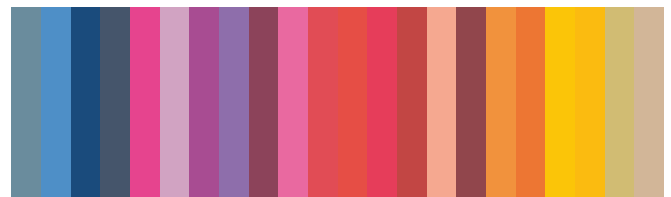
**RAL 9003**  
white · bianco



**RAL 9006**  
silver · argento

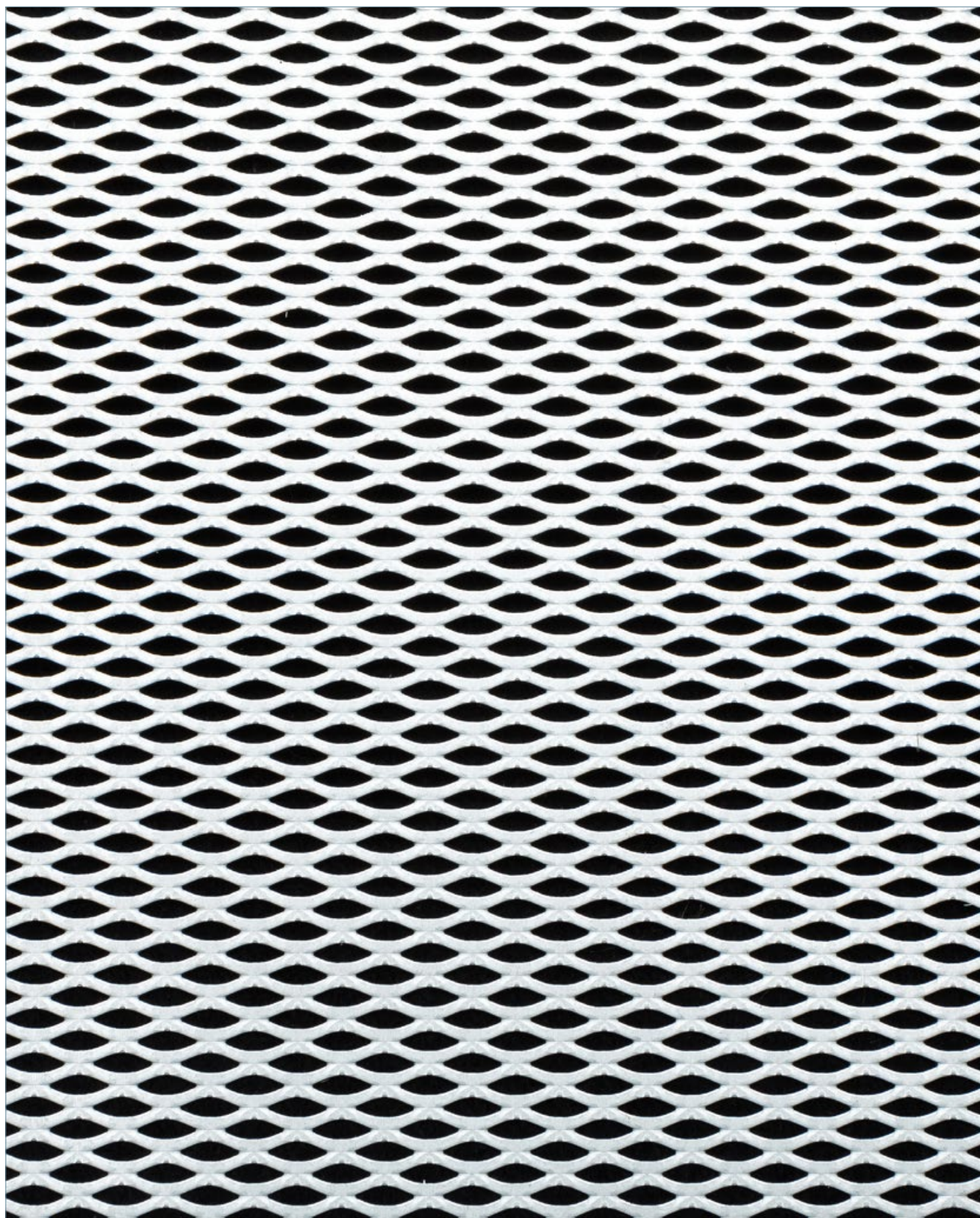


**RAL 9005**  
black · nero



All RAL colours · tutti i colori RAL

## METAL MESH LAMIERA STIRATA



**CBI ST10** Post-painted galvanised steel powder coated  
*Acciaio zincato post-verniciato powder coated*

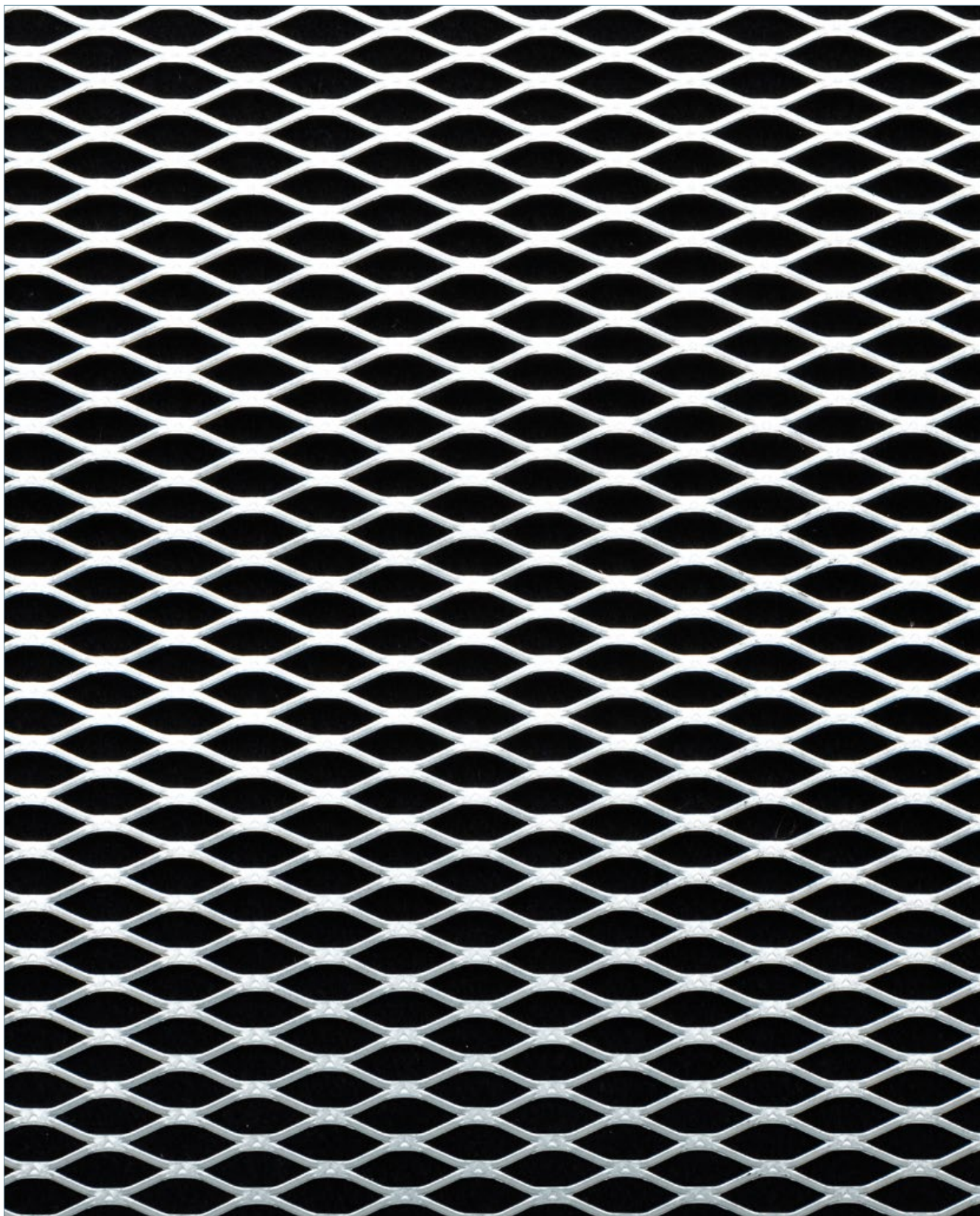
**DL 16 mm**  
**DC 8 mm**

**av 2 mm**  
**sp 1 mm**

**perforation foratura 50 %**



## METAL MESH LAMIERA STIRATA



**CBI ST11** Post-painted galvanised steel powder coated  
*Acciaio zincato post-verniciato powder coated*

**DL 28 mm**  
**DC 10 mm**

**av 1,5 mm**  
**sp 1 mm**

**perforation foratura 70 %**



## METAL MESH LAMIERA STIRATA



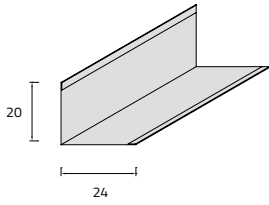
**CBI ST12** Post-painted galvanised steel powder coated  
*Acciaio zincato post-verniciato power coated*

**DL 43 mm**    **av 2,5 mm**    **perforation foratura 64 %**  
**DC 14 mm**    **sp 1 mm**

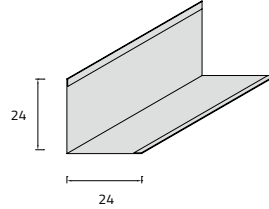
# METAL MESH LAMIERA STIRATA

## PERIMETRAL MOLDING *CORNICI PERIMETRALI*

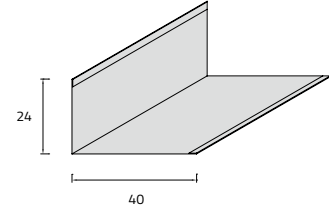
standard width *larghezza standard* 3000 mm



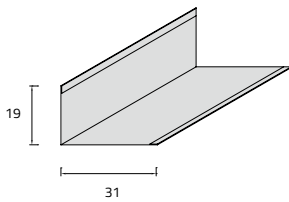
**20 X 24**  
**CP10** aluminum ▪ *alluminio* 0.5/0.6 mm  
**A3000** steel ▪ *acciaio* 0.4/0.5 mm



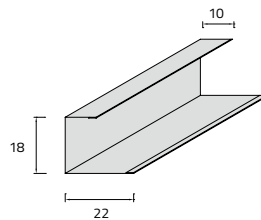
**24 X 24**  
**CP10/1** aluminum ▪ *alluminio* 0.5/0.6 mm  
**A3001** steel ▪ *acciaio* 0.4/0.5 mm



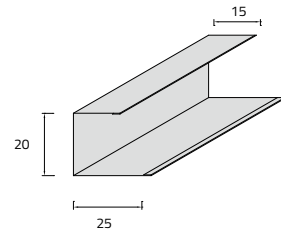
**40 X 24**  
**CP50** aluminum ▪ *alluminio* 0.5/0.6 mm  
**A3002** steel ▪ *acciaio* 0.5 mm



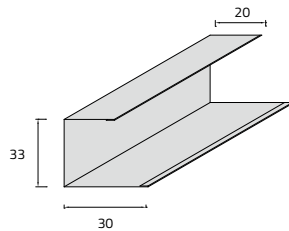
**31 X 19**  
**CP60** aluminum ▪ *alluminio* 0.5/0.6 mm  
**A3003** steel ▪ *acciaio* 0.5 mm



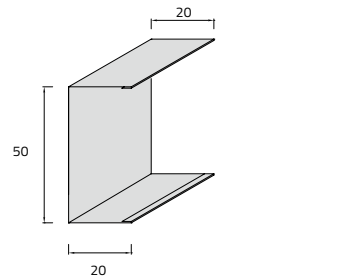
**22 X 18 X 10**  
**CP 30** aluminum ▪ *alluminio* 0.5 mm  
**CP 40** steel ▪ *acciaio* 0.4 mm



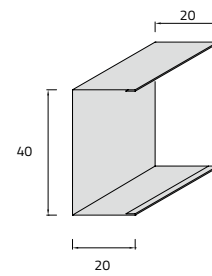
**25 X 20 X 15**  
**CP 80** aluminum ▪ *alluminio* 0.5 mm  
**CP 80** steel ▪ *acciaio* 0.4 mm



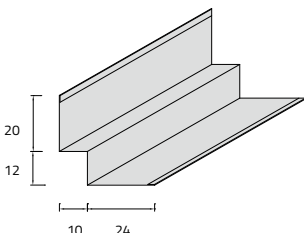
**30 X 33 X 20**  
**CP 90** aluminum ▪ *alluminio* 0.6/0.8 mm  
**CP 90** steel ▪ *acciaio* 0.6 mm



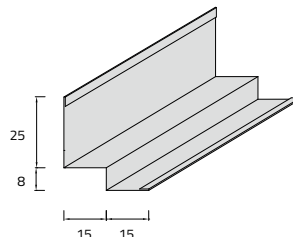
**20 X 50 X 20**  
**U5020/AL** aluminum ▪ *alluminio* 0.5/0.6 mm  
**U3001** steel ▪ *acciaio* 0.5 mm



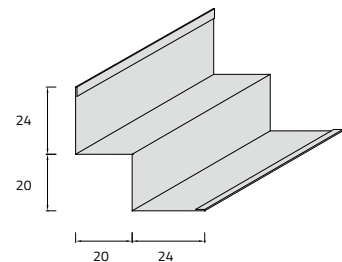
**20 X 40 X 20**  
**U4020** aluminum ▪ *alluminio* 0.5/0.6 mm  
**U3000** steel ▪ *acciaio* 0.4/0.5 mm



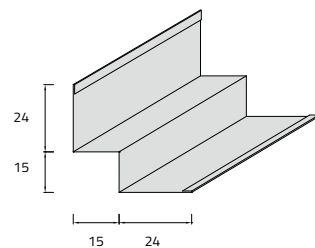
**24 + 10 X 12 + 20**  
**CF 10** aluminum ▪ *alluminio* 0.5 mm  
**W3000** steel ▪ *acciaio* 0.5 mm



**15 + 15 X 8 + 25**  
**W3002** steel ▪ *acciaio* 0.5 mm



**24 - 20 X 20 + 24**  
**W3003** steel ▪ *acciaio* 0.5 mm



**24 + 15 X 15 + 24**  
**W3004** steel ▪ *acciaio* 0.5 mm

# METAL CEILINGS AND COVERINGS: design and functionality, 100% made in Italy.

CBI Europe's Linear Strips suspended ceiling system is the perfect solution for civil and industrial buildings. These highly functional architectural elements combine thermal and acoustic insulation with the ability

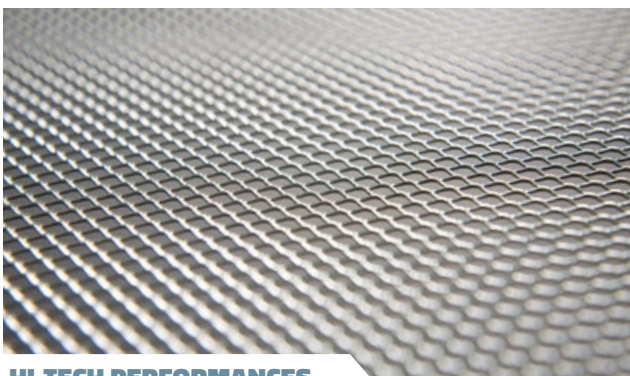
to integrate ventilation, lighting and security systems. The fully inspectable strips come in various modular types and designs to allow the suspended ceiling to adapt to all spaces and layouts.



**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 FePO2 steel are coil-coated with primer and polyester paint to a thickness of 25 microns. Suspended ceilings in electro-galvanised and post-painted FePO2 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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