



**METALWORKS CLIP-IN**



### BENEFITS

- Monolithic appearance
- Concealed suspension system
- 100% downward accessibility with panel removal tool
- Good acoustical performance
- Also available in Aluminium

### APPLICATION AREAS

- Office
- Healthcare
- Education
- Transport
- Retail
- Corridors



### COLOR SELECTION



Global White



White  
9010



Silver Grey  
9006



Gunmetal Grey  
9007



Black  
9005

### OPTIONAL COLOR\*



RAL  
Co-ordinated



Wood Grain Colors

\*Available upon request

#Due to printing limitations, shades colors may vary from actual product.

For more color & perforation options or suspension information, please contact Armstrong sales representative.

# PRODUCT SELECTION



Noise Reduction Coefficient (NRC)




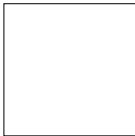
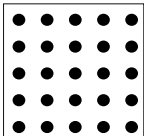
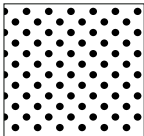
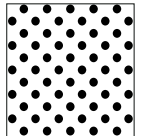
Light Reflectance (LR)



Humidity Resistance (RH)



Demountability

Clip-In	Plain	Standard Perforated	Micro Perforated	Micro Perforated
 DP12 Suspension	 No perforation	 2.5 mm dia. holes 16% Open area Square pitch	 1.5 mm dia. holes 18% Open area Diagonal pitch	 1.8 mm dia. holes 20% Open area Diagonal pitch
<b>GALVANISED STEEL</b>				
600 x 600 x 0.5mm	✓	✓	✓	✓
600 x 1200 x 0.5mm	✓	✓	✓	✓
300 x 1200 x 0.5mm	✓	✓	✓	✓
<b>ALUMINIUM</b>				
600 x 600 x 0.7mm	✓	✓	✓	✓
600 x 1200 x 0.7mm	✓	✓	✓	✓
300 x 1200 x 0.75mm	✓	✓	✓	✓

\* Aluminum is available in post-coat only.

# The 600 x 600mm panels would have a 3mm bevel at the edges, other panel sizes would have square edges

# PERFORMANCE

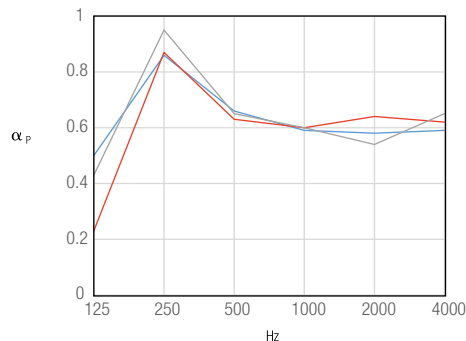


## Acoustic Performance

	Hz							
$\alpha_w$	NRC	125	250	500	1000	2000	4000	
• Standard perforated (Rg 2516) with fleece								
0.55 (L)	0.70	0.50	0.86	0.66	0.59	0.58	0.59	$\alpha_p$
• Microperforated (Rd 1518) with fleece								
0.65 (L)	0.70	0.23	0.87	0.63	0.60	0.64	0.62	$\alpha_p$
• Microperforated (Rd 1820) with fleece								
0.65 (L)	0.70	0.43	0.95	0.65	0.60	0.54		

Measured in accordance with ASTM C423/ISO 354

NRC value is calculated on the condition that perforated panels with soundtex fleece



## Fire classification

MetalWorks GI metal ceilings	Class 0 / Class 1, BS 476, Part 6 & 7
MetalWorks AL metal ceilings	Class 0 / Class 1, BS 476, Part 6 & 7



## Light Reflectance

Pattern	Global White	RAL 9010
Plain (unperforated)	77%	87%
Microperforated with black acoustic fleece	63%	71%
Standardperforated with black acoustic fleece	68%	75%

Measured in accordance with ASTM 1477-98

## PHYSICAL DATA

### MATERIAL

Hot dip Galvanised Steel/Aluminium

### SURFACE FINISH

Post coating/Pre-coating

### THICKNESS

Galvanised Steel - 0.5mm

Aluminium - 0.7mm

### RECOMMENDED SUSPENSION SYSTEM

Double frame - DP12 carrier with C channel or U-profile

### DESIGN CONSIDERATION

To avoid paint/surface damages, take special care while handling installation of the product.

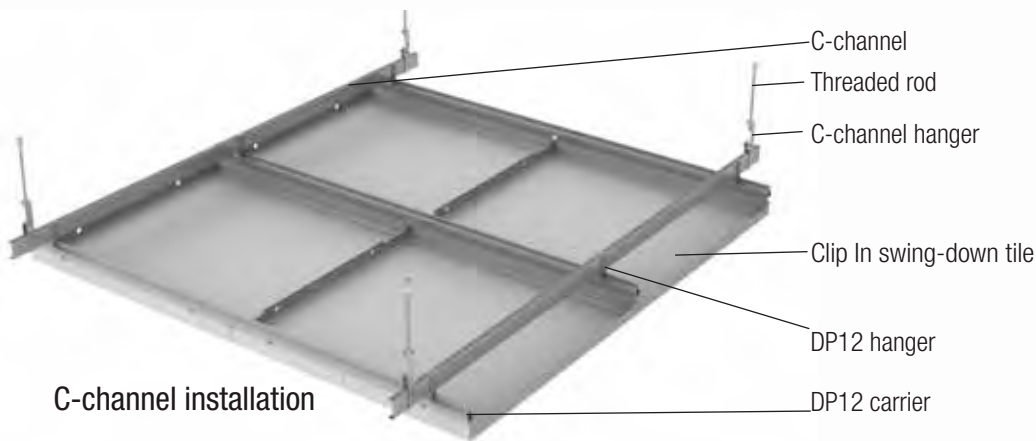
### WEIGHT

Size: 600 x 600

Galvanised Steel  $\cong$  4.44 Kg/M<sup>2</sup>

Aluminium  $\cong$  2.28 Kg/M<sup>2</sup>

## INSTALLATION AND ASSEMBLY DETAIL



Clip-in system swing-down tile

Tile remover tool

## CONTACT US

### Knauf Ceiling Solutions (India) Private Limited

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