

GYPROC METAL CEILINGS

Bring aesthetics along with functionality to your internal ceilings



Introducing Gyproc Metal Ceilings

We at Gyproc have been providing premium performance solutions to the Middle East for over 40 years. Our solutions coupled with world class leading technical support is why our customers have trust in our solutions.

Our premium quality and superior performance ceiling systems in the region have been used across all sectors from the busiest airports to advanced healthcare, modern hospitality, from new learning environments to residential buildings, and have provided ultimate comfort and well-being to millions who use those spaces.

We are now expanding our ceilings range, launching new metal ceiling solutions, available in both perforated and plain, in a range of colours and sizes, in both standard ‘T’ grid and clip-in systems.

Our metal ceiling systems comply to all international standards for fire and manufacturing whilst giving very high levels of sound absorption helping to create beautiful and comfortable spaces in your buildings.



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Gyproc Clip-in Metal Ceiling System

Gyproc Clip-in Metal Ceiling System is a specialised suspended ceiling system designed for internal applications.

Fully demountable for an easy access to services, the tiles are clipped in to a concealed suspension system.

Clip-in System

APPLICATIONS

Suitable for use in all areas including:

- Bathrooms
- Kitchens
- Corridors
- Hospitals
- Commercial buildings
- Residential buildings

BENEFITS

Fully demountable for easy access to services

Washable surface - easy to clean

Concealed design

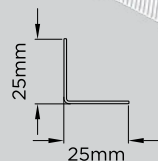
Excellent sound absorption performance

Durable and robust

Recyclable - environment friendly

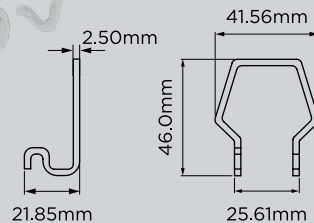
Gypframe® Eco Angle

Width 25mm	Gauge thickness 0.45mm
Length 3000mm	Linear meter weight 0.17



NOTE
Gypframe Eco Main Channel
can also be used as a hanger

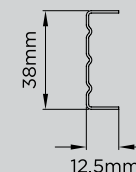
Gypframe® Main Channel Clip



Diameter
2.5mm

Gypframe® Eco Main Channel

Width 38mm	Gauge thickness 0.45mm
Length 3000mm	Linear meter weight 0.20kg



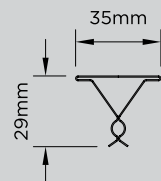
Fleece

Special acoustic fleece
made from non-woven
fabric that allows noise
reduction



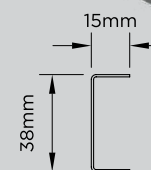
Gypframe® Spring T

Width 35mm	Gauge thickness 0.45mm
Length 4000mm	Linear meter weight 0.40kg

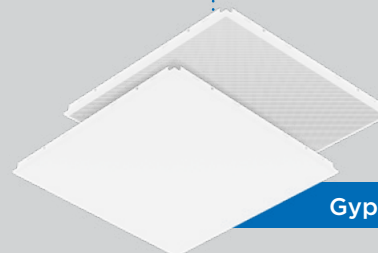


Gyproc® Edge Trim

Width 38mm	Gauge thickness 0.60mm
Length 3000mm	Linear meter weight 0.11kg



Gyproc® Clip-in tiles

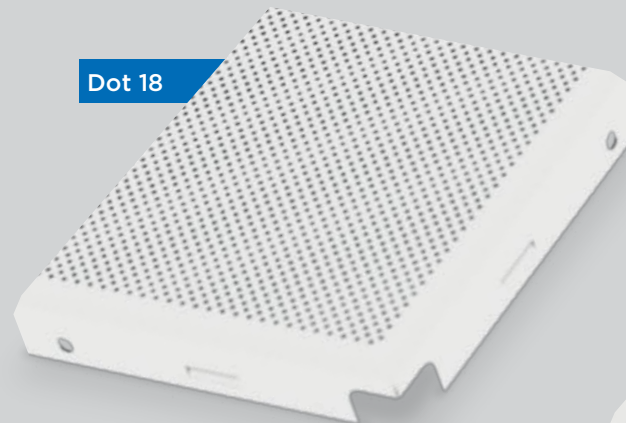


Gyproc Clip-In Metal Ceiling Tiles

Clip-in tiles are available in perforated pattern for aesthetics and acoustic performance, and in plain finish for seamless design.

Clip-in **System** ▶ Clip-in **Tiles**

Dot 18



Plain



TILE SPECIFICATION

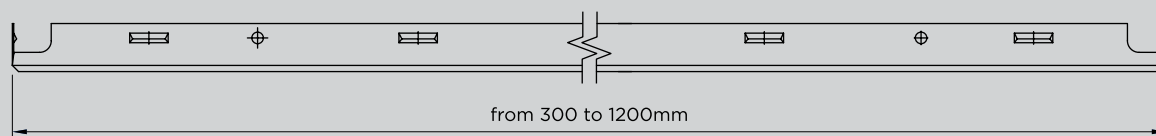
Tile thickness ¹ (mm)		0.6 and 0.7		
Tile modular size (mm)		300 x 600	600 x 600	1200 x 600
Tile actual size (mm)		300 x 600	600 x 600	1200 x 600
Weight per tile ² (kg)	Plain	0.43	0.80	1.57
	Dot 18	0.35	0.79	1.29
Tiles per carton		44	22	22
Edge detail		Bevelled		
Standard colors ³		RAL 9003 and RAL 9010		

¹Other thicknesses from 0.5 to 0.9mm available upon request

²Given weight is for 0.7mm tile

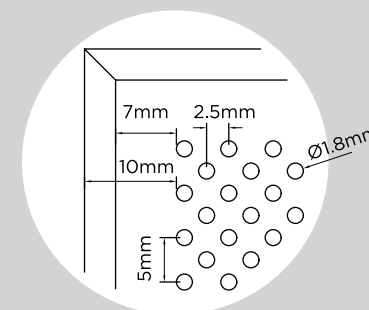
³Other colors available upon request

DRAWING



PERFORATION

Open area: 19%



ALTERNATIVE HANGING SOLUTIONS



Using Gypframe Threaded Rod



Gyproc Lay-in Metal Ceiling System

Gyproc Lay-in Metal Ceiling System is a specialised suspended ceiling system designed for internal applications.

Fully demountable for an easy access to services, the tiles are mounted in a semi exposed T Grid system.

Lay-in System

APPLICATIONS

Suitable for use in all areas including:

- Bathrooms
- Kitchens
- Corridors
- Hospitals
- Commercial buildings
- Residential buildings

BENEFITS

Fully demountable for easy access to services

Washable surface - easy to clean

Exposed grid design

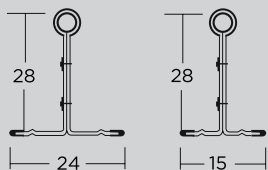
Excellent sound absorption performance

Durable and robust

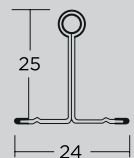
Recyclable - environment friendly

Gypframe® Cross T / Eco Cross T

Width 15/24mm	Length 600/1200mm
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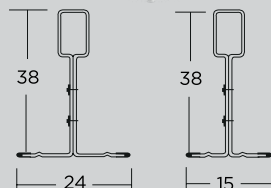
Gypframe Cross T



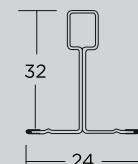
Gypframe Eco Cross T

Gypframe® Main T / Eco Main T

Width 15/24mm	Length 3600mm
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Gypframe Main T



Gypframe Eco Main T

Gyproc® Tie Wire Anchor

Length 60mm	Diameter 6mm
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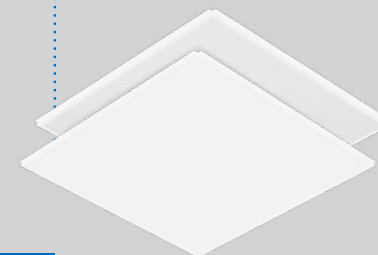
Gypframe® Adjustable Hanger

Hanger rod length
up to 1500mm

Diameter
3mm



Gyproc Lay-in tiles



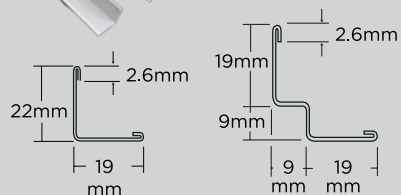
Fleece

Special acoustic fleece made from non-woven fabric that allows noise reduction

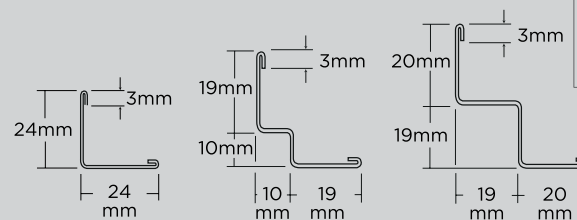


Gypframe T Angles / Eco T Angles

Length
3000mm



Gypframe T Angles



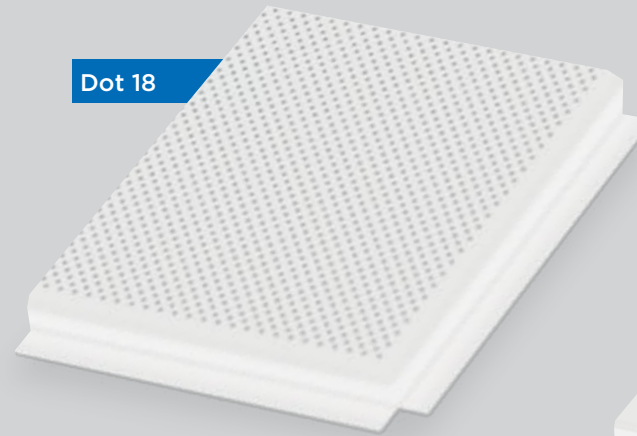
Gypframe Eco T Angles

Gyproc Lay-in Metal Ceiling Tiles

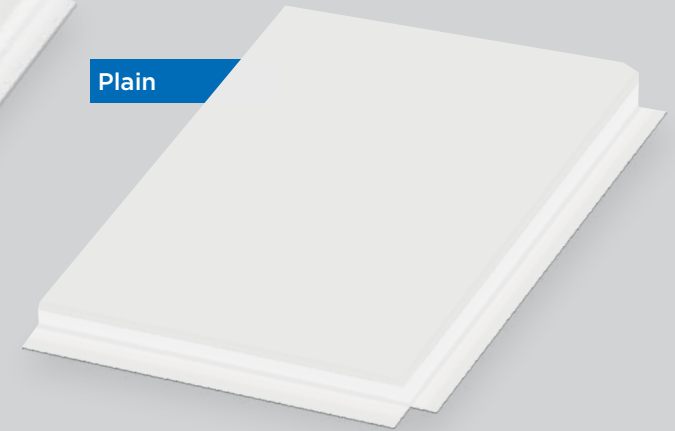
Clip-in tiles are available in perforated pattern for aesthetics and acoustic performance, and in plain finish for seamless design.

Lay-in **System** ▶ Lay-in **Tiles**

Dot 18



Plain



TILE SPECIFICATION

Tile thickness ¹ (mm)		0.6 and 0.7	
Tile modular size (mm)		600 x 600	
Tile actual size (mm)		595 x 595	
Edge detail		E15	E24
Weight per tile ² (kg)	Plain	0.71	0.71
	Dot 18	0.60	0.61
Tiles per carton		30	28
Standard colors ³		RAL 9003 and RAL 9010	

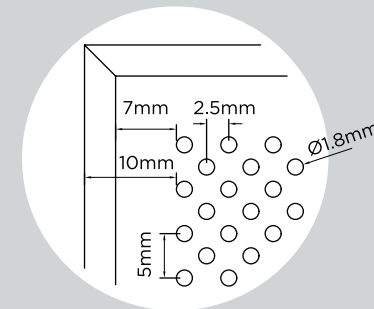
¹Other thicknesses from 0.5 to 0.9mm available upon request

²Given weight is for 0.7mm tile

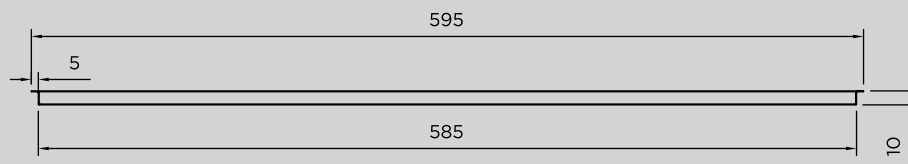
³Other colors available upon request

PERFORATION

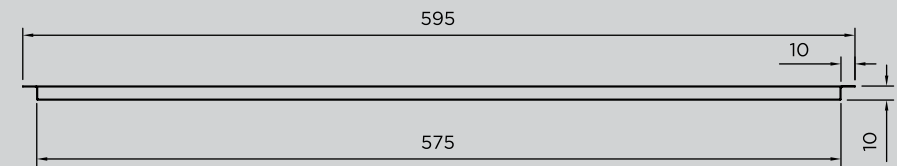
Open area: 19%



DRAWINGS



E15



E24



Specifications & Performances

MANUFACTURING STANDARDS

ASTM C635	Standard Specification for Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings
ASTM A653	Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process

MATERIAL SPECIFICATIONS

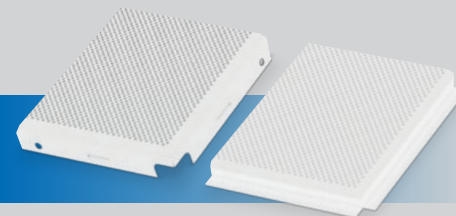
	Tiles	Framing
Base	Aluminum Alloy as per EN AW 3000 series	Zinc Plated Galvanized Steel Z140 grade
Coating	5 μ for the back + 25 μ for the face	-

PRODUCT PERFORMANCE

Sound absorption	Up to 1.00 NRC as per ASTM C 423 Up to α_w 1.00 as per ISO 354
Reaction to fire	Class A as per ASTM E84
Light reflectance	Up to 0.83 based on the finish color
Moisture and corrosion resistant	Tested as per ASTM B117-73
Humidity resistant	Relative Humidity 95%
Formaldehyde classification	Class E1 as per EN 717-1

ACOUSTIC PERFORMANCE

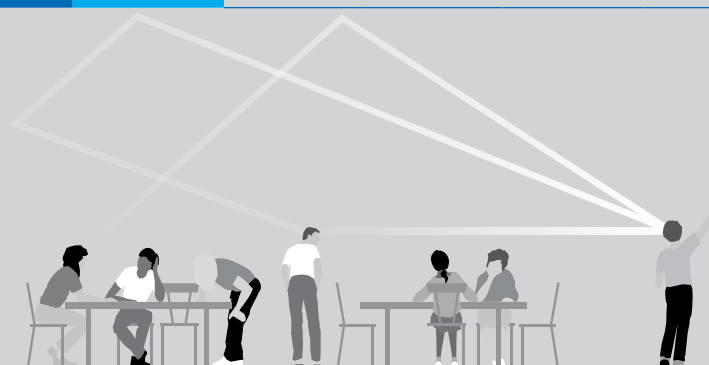
Tile	Gyproc Dot 18 Clip-in		X	X	X	X	X
	Gyproc Dot 18 Lay-in						



Insulation	ISOVER Eco APR - Tissue faced	25mm	X				
		50mm		X			
	ISOVER Eco Pad	25mm			X		
		50mm				X	



Mounting	E200	Class	C	A	A	C	A
		α_w	0.70	0.95	1.00	0.75	0.95
		NRC	0.75	0.95	1.00	0.90	0.95
	E400	Class	C	A	A	B	A
		α_w	0.70	0.95	1.00	0.80	0.95
		NRC	0.70	0.95	1.00	0.85	0.95
	E800	Class	C	A	A	B	A
		α_w	0.70	0.95	1.00	0.85	1.00
		NRC	0.70	0.95	1.00	0.85	0.95



Health & Safety

Material Safety Datasheet

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Gyproc Dot 18 metal ceiling tiles
Gyproc Plain metal ceiling tiles

Supplier: Saint-Gobain Gyproc Emirates Industries L.L.C
ICAD 1, Mussafah
Abu Dhabi
United Arab Emirates
P.O. Box 38983
Free Phone: +971 800 GYPROC (497762)
E-Mail: gyproc-me@saint-gobain.com

Recommended uses: Aluminium ceiling tiles are available either perforated or plain surface finish. These tiles are used in conjunction with Gyproc Clip-in and Lay-in Metal Ceiling Systems

2. COMPOSITION / INFORMATION ON INGREDIENTS

Aluminium ceiling tiles with non-woven acoustic fleece are manufactured from aluminium alloy sheets with pre-painted polyester coating. Gyproc Dot 18 has a minimum coating thickness of 25µm from face side and 5µm from back side.

3. HAZARDS IDENTIFICATION

Product is not classified as dangerous according to CLP regulation. There is a risk of cuts and abrasions from sharp edges and ends when handling the product. It is recommended to use hand gloves during installation along with head protection as the product is installed in overhead area.

Repeated contact with sheet metal coatings may cause skin irritation and redness. Harmful dust may be released during cutting or grinding process.

4. FIRST AID

Eye contact	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337 + P313 - If eye irritation persists: Get medical advice/attention.
Skin contact	P264 - Wash skin thoroughly with soap and water.
Ingestion	Not applicable.
Inhalation	P340 - Move affected person to fresh air and keep comfortable for breathing.
General information	The product is considered to be a low hazard under normal conditions of use. Get medical attention if any symptoms persist.

5. FIRE FIGHTING MEASURES

The products do not pose a fire hazard. However, the protective coating and packaging may be combustible and emit hazardous fumes.

Suitable extinguishing media - foam, carbon dioxide, dry powder and other suitable fire extinguishing media

6. ACCIDENTAL RELEASE MEASURES

Product is classified as non-hazardous to the environment.

7. HANDLING & STORAGE

Mechanical handling - Trained and licensed operators are required where mechanical lifting or moving equipment is used.

Manual handling - Tiles are packed in cartons with maximum weight varying from 30–35kg. It is advised to use hand gloves and foot protection while lifting. Unload from package with caution and handle carefully.

Storage - Store cartons in dry conditions. Place cartons on firm level ground and ensure stacks are both level and vertical for stability. Store in accordance with local regulations

Use - There is risk from sharp corners or edges. Appropriate cut-resistant PPE should be used when handling metal products. Avoid prolonged and repeated contact with skin and wear protective clothing during handling (see Section 8).
Read and follow manufacturer's recommendation. Refer to health and safety in ME Whitebook for additional information

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Skin	P303 - Appropriate footwear and additional protective clothing should be worn for prolonged or repeated skin contact.
Eye	P305/P313 - Wear approved eye / face protection.
Respiratory	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a suitable dust mask. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405.
Appropriate engineering controls	Provide adequate ventilation. Harmful dust may be released during cutting or grinding process. Use mechanical ventilation if there is risk of handling causing formation of airborne dust. Observe any occupational exposure limits for the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance - Solid metal products

Colour - White

Odor - low to no odor

10. STABILITY AND REACTIVITY

There are no known reactivity hazards associated with this product. Stable at normal ambient temperatures and when used as recommended. Stable under prescribed storage conditions.

11. TOXICOLOGY INFORMATION

Inhalation	Dry grinding or machining may produce dust of the same composition as the coating and base metal. Flame cutting may produce fumes containing oxides of zinc and iron, and also breakdown products of protective coating. Potential effects health include metal fume fever, a condition similar to influenza.
Skin contact	Prolonged and repeated contact may cause irritation.
Eye contact	None in normal use.
Ingestion	Not applicable.

12. ECOLOGICAL INFORMATION

Stable product with no known adverse environmental effects.

13. RECYCLING

Gypframe metal components contain recycled content and can contribute to LEED NC v2.2 Credit MRc4: Recycled Content.

14. DISPOSAL CONSIDERATION

Dispose at an authorised metal recycling facility in accordance with local waste management licensing regulations.

15. TRANSPORT INFORMATION

Not classified as hazardous for transportation.

16. REGULATORY INFORMATION

Not classified under the CLP regulations.

17. OTHER INFORMATION

Gyproc Middle East WHITE BOOK

Gyproc Middle East website: www.gyproc.ae

Note to user: This Safety Data Sheet does not constitute a workplace risk assessment for COSHH.

There are a number of situations where the approach to manual handling of Gyproc® products should be considered.

For further guidance, please refer to the Manual Handling Section of THE WHITE BOOK, available to download from www.gyproc.ae





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