



# ANTI-SAG

*Ceiling system*

## Introducing the Gyproc® ANTI-SAG Ceiling System



ANTI-SAG

CEILING SYSTEM

A lightweight suspended ceiling system designed for easy handling and superior sag resistance. This fully concealed ceiling system comprises new innovative serrated Gypframe Eco metal profiles used in conjunction with two specially engineered boards designed for this system, fixings accessories and finishing products.

## The Boards



**Gyproc®  
Lite RG EN**

A gypsum board designed for ceiling, partition and wall lining applications. It contains sag-resistant additives allowing fixation at greater spans.



**Gyproc®  
Lite MR EN**

A gypsum board with water repellent additives, specially designed for use in wet areas and enhanced with additional sag-resistant additives to allow fixation at greater spans.

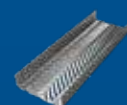
These two specially designed sag-resistant boards give the benefit of having a unique metal framing configuration as they can both be fixed on Gypframe Eco Furring Channels at 600mm centres instead of 400mm centres, whilst maintaining a flat ceiling finish.

## The Metal - Say Hello to Gypframe® Eco

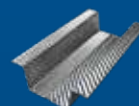
**Gypframe Eco** is our new range of **eco-friendly** metal profiles. In addition to the high level of recycled content used in steel production, the profiles are manufactured under a new design based technology which allows reduction of metal consumption.

### Serration Technology

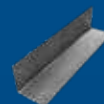
This innovative patented technology produces a serrated design across the surface of the metal which doubles the effective thickness of the material and stiffens the steel. It provides additional benefits compared to plain steel such as higher strength capacity at a lighter gauge and increased sag resistance. As a result, Gypframe Eco Furring Channels can be fixed at increased spans, **reducing its consumption by 30%.**



**Gypframe® Eco  
Main Channel**



**Gypframe® Eco  
Furring Channel**



**Gypframe® Eco  
Angle**

### INCREASED



Strength

+



Resistance  
against twist

+



Sag  
resistance

+



Components  
installation  
span



Material  
consumption



Labour  
cost



Installation  
time

### REDUCED

### Gypframe Eco Furring Channel

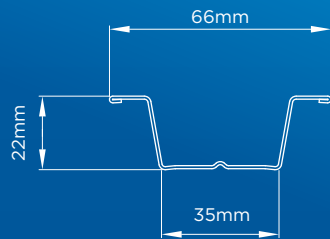
used as secondary channel

Width	Gauge thickness	Length	Linear meter weight
mm	mm	mm	kg
35	0.45	3000	0.37

#### Manufacturing Standards

**EN** 14195:2014  
10162:2003

**ASTM** C645-18



### Gypframe Eco Main Channel

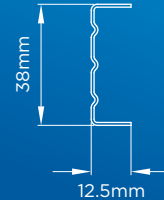
used as primary channel

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

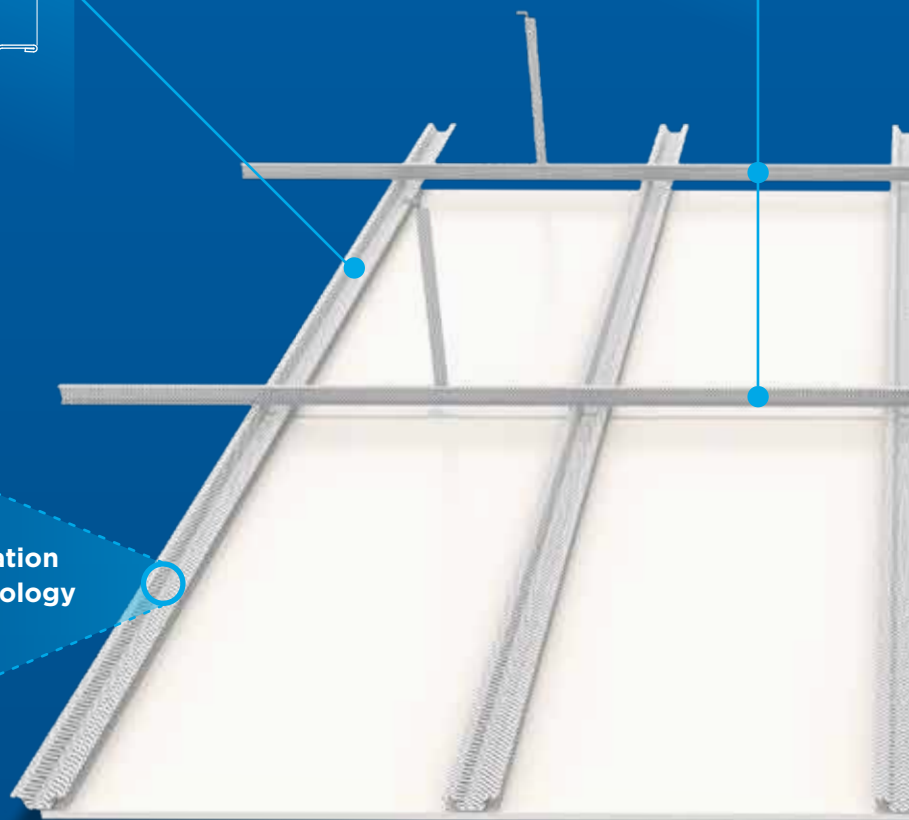
#### Manufacturing Standards

**EN** 14195:2014  
10162:2003

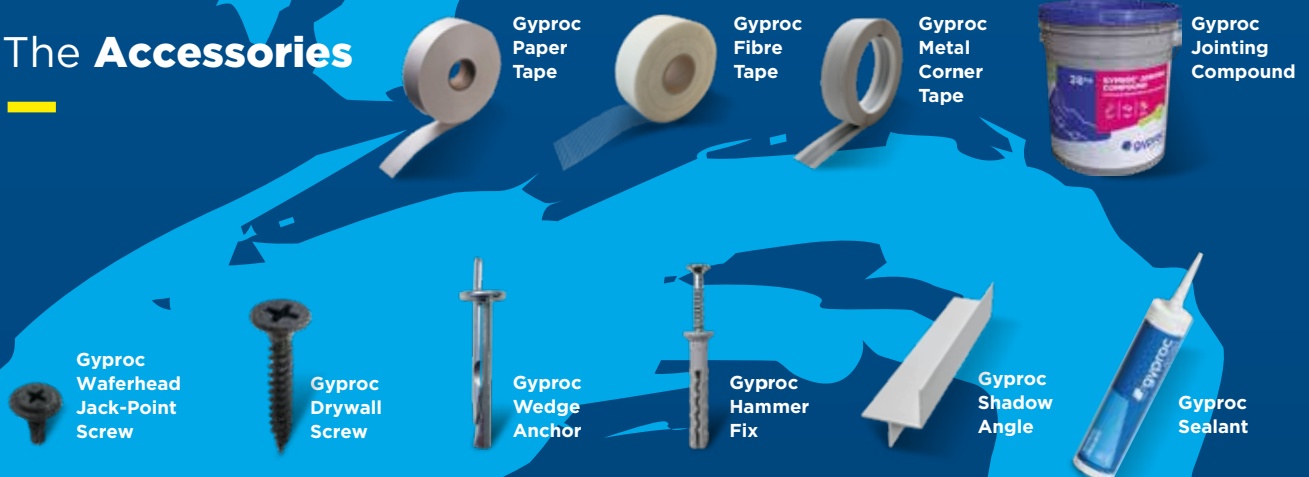
**ASTM** C645-18



### Serration Technology



## The Accessories



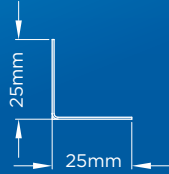
### Gypframe Eco Angle

used as hangers for the framing system & as perimeter angles

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

#### Manufacturing Standards

EN	14195:2014 10162:2003
ASTM	C645-18



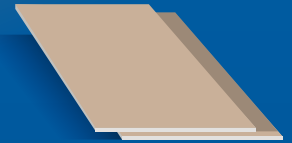
### DRY AREAS

#### Gyproc Lite RG EN Plasterboard

Thickness	Width	Length	Weight	Edge type
mm	mm	mm	kg/m <sup>2</sup>	
12.5	1200	2400, 3000	7.2	T/E

#### Manufacturing Standard

EN 520: Type A



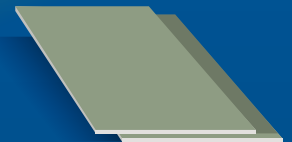
### WET AREAS

#### Gyproc Lite MR EN Plasterboard

Thickness	Width	Length	Weight	Edge type
mm	mm	mm	kg/m <sup>2</sup>	
12.5	1200	2400, 3000	7.2	T/E

#### Manufacturing Standards

EN 520: Type A & H3



DARE  
TO FIX  
@ 600mm

YOU'RE  
COVERED!

SpecSure® is a unique 'off the shelf' warranty to end users that confirms Gyproc proprietary systems will perform to the parameters published in our current literature from the day they are installed.

SpecSure® - a warranty for the future performance of your system.



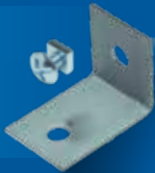
# Maximum Recommended Loads

Gyproc® boards	Board weight	Maximum load bearing capacity of the system	Gypframe Eco Angle	Gypframe Eco Main Channel	Gypframe Eco Furring Channel
	kg/m²*	kg/m²*	hangers centres (mm)	primary channel centres (mm)	secondary channel centres (mm)
12.5mm Gyproc Lite RG EN	7.2	9.08	1200	1200	600
12.5mm Gyproc Lite MR EN	7.2	9.08	1200	1200	600

\*Maximum loads are based on a limiting deflection of L/360, considering Gypframe Eco Angle hanger directly fixed to the soffit (snip & bend method). For higher limiting deflection, please contact Gyproc Technical Team.



Use **Gypframe Soffit Cleat** to increase the load carrying capacity of your Gyproc ANTI-SAG Ceiling System by **20%**. This would help in cases where your ceiling needs to support additional lightweight loads such as light fixtures, AC grilles etc.



# Quantity Take-Off

For 100m²	Qty	Unit
12.5mm Gyproc Lite RG EN / 12.5mm Gyproc Lite MR EN	100	m²
Gypframe Eco Main Channel	84	m
Gypframe Eco Furring Channel	174	m
Gypframe Eco Angle - used as hangers at 1m drop	64	m
Gypframe Eco Angle - used as perimeter around a 10m x 10m room	40	m
25mm Gyproc Drywall Screw	1600	pcs
13mm Gyproc Waferhead Jack-Point Screw	816	pcs
Gyproc Fibre Tape / Paper Tape <sup>1</sup>	163	m
Gyproc Jointing Compound	28	kg
Gyproc Sealant <sup>2</sup>	3	pcs
40mm Gyproc Wedge Anchor <sup>3</sup>	64	pcs
40mm Gyproc Hammer Fix <sup>4</sup>	67	pcs

<sup>1</sup> For improved crack resistance performance, use Gyproc Paper Tape.  
<sup>2</sup> Gyproc Sealant can be omitted if no acoustic performance and no smoke resistance is required.  
<sup>3</sup> Gyproc Wedge Anchor has to be used to fix Gypframe Eco Angle hanger to concrete soffit.  
<sup>4</sup> Gyproc Hammer Fix has to be used to fix Gypframe Eco Angle at perimeter abutting concrete/block wall.

Consumption rates estimated from typical flat ceiling dimensions of 100m² (10m x 10m) total area and a plenum of 1m. The material requirement is based on the standard Gyproc System proposed and does not include wastage and bulkhead details. It is the responsibility of the ordering authority to check the above quantities against final drawings, BOQ and site conditions before placing material orders. Gyproc cannot be held liable for actual quantities required for the project.

gyproc.ae/**dare-to-fix**

**DARE  
TO FIX  
@600mm**



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EAST FZE**

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