gyproc
SAINT-GOBAIN

ACOUSTIC CEILINGS

Our ceilings, your blank canvas

MAKING THE DIFFERENCE

SAINT-GOBAIN

Analog Devices International,
Raheen Business Park, Limerick

CONTENTS

Glenstal Abbey,
Murroe, Limerick

Gyptone BIG™ Boards

The Gyptone BIG™ acoustic ceiling range is designed to contribute to the acoustic environment with optimised reverberation time and improved speech intelligibility in a given room, like in schools, kindergartens, offices, retail and the health sector.

The Gyptone BIG™ range includes four different perforation designs, all with tapered edges (edge B1). Gyptone BIG™ boards can be painted in any colour (roller application only), a key aspect in interior design decisions.

All Gyptone BIG™ products come with the Activ'Air technology which will contribute to the indoor air quality by reducing the formaldehyde level.

EDGE B1

Concealed metal grid

FEATURES AND BENEFITS

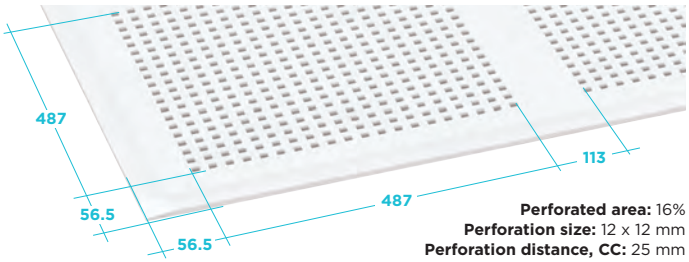
Acoustic control

Boards already sanded and primed

Indoor air quality

CONTENTS

Gyptone BIG™
QUATTRO 41



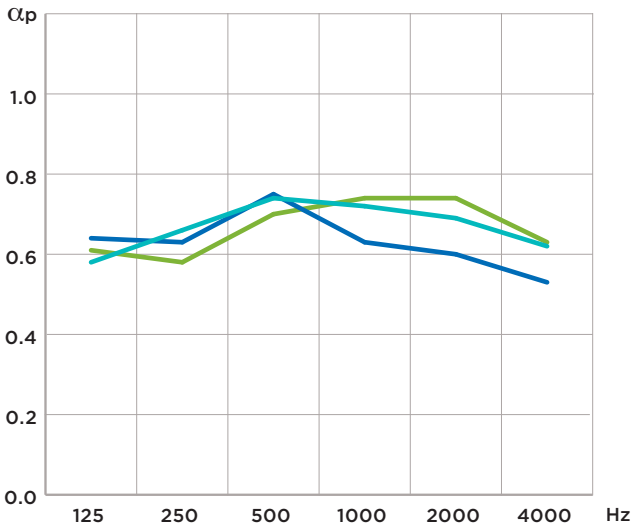
Perforated area: 16%
Perforation size: 12 x 12 mm
Perforation distance, CC: 25 mm

PHYSICAL PROPERTIES

Tissue Colour	White
Edge Type	Tapered edge on the two long sides, edge B1
Modular Size	1200 x 2400 mm
Thickness	12.5 mm
Weight	Approx. 8 kg/m²
Colour	Unpainted
Reaction to Fire Classification	A2-s1, d0
Acoustic Class	Class C
Perforated Area	16%
Perforation Size	12 x 12 mm
Perforation Distance, CC	25 mm

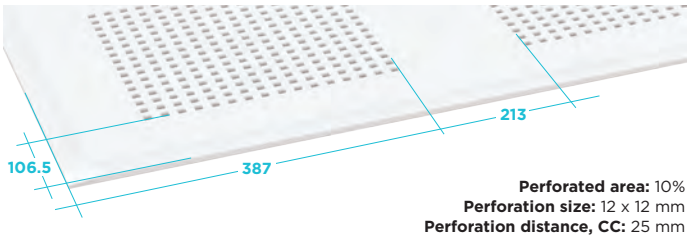
ACOUSTICS

Practical absorption coefficient α_p



	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	NRC VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz			
	58	50	0.58	0.66	0.74	0.72	0.69	0.62	0.70	0.70	C
	200	-	0.64	0.63	0.75	0.63	0.60	0.53	0.65	0.65	C
	400	50	0.61	0.58	0.70	0.74	0.74	0.63	0.75	0.65	C

Gyptone BIG™
QUATTRO 46



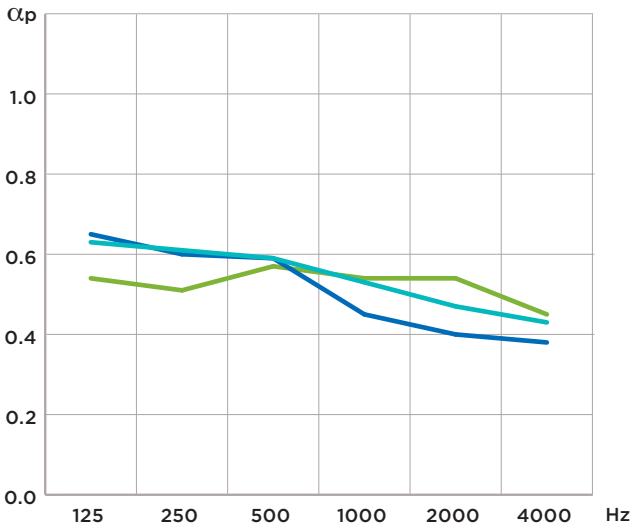
Perforated area: 10%
Perforation size: 12 x 12 mm
Perforation distance, CC: 25 mm

PHYSICAL PROPERTIES

Tissue Colour	White
Edge Type	Tapered edge on all four sides, edge B1
Modular Size	1200 x 2400 mm
Thickness	12.5 mm
Weight	Approx. 8 kg/m²
Colour	Unpainted
Reaction to Fire Classification	A2-s1, d0
Acoustic Class	Class D
Perforated Area	10%
Perforation Size	12 x 12 mm
Perforation Distance, CC	25 mm

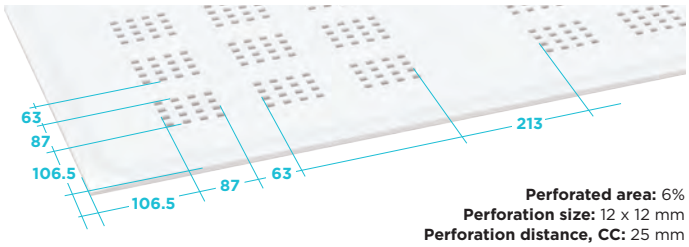
ACOUSTICS

Practical absorption coefficient α_p



	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	NRC VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz			
	58	50	0.63	0.61	0.59	0.53	0.47	0.43	0.55	0.55	D
	200	–	0.65	0.60	0.59	0.45	0.40	0.38	0.45	0.50	D
	400	50	0.54	0.51	0.57	0.54	0.54	0.45	0.55	0.55	D

Gyptone BIG™
QUATTRO 47



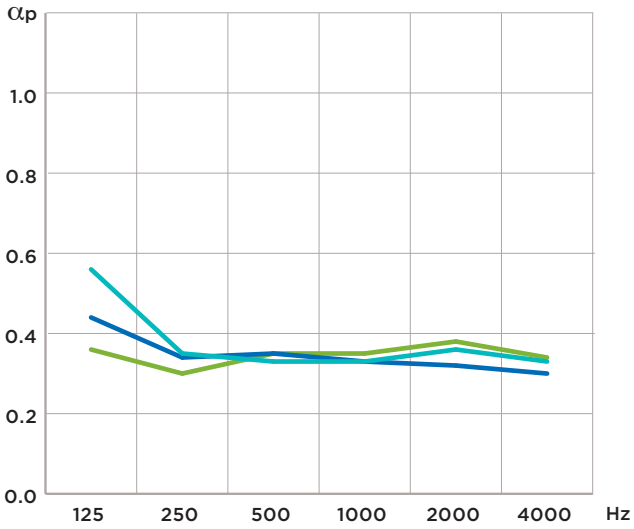
Perforated area: 6%
Perforation size: 12 x 12 mm
Perforation distance, CC: 25 mm

PHYSICAL PROPERTIES

Tissue Colour	White
Edge Type	Tapered edge on all four sides, edge B1
Modular Size	1200 x 2400 mm
Thickness	12.5 mm
Weight	Approx. 8 kg/m²
Colour	Unpainted
Reaction to Fire Classification	A2-s1, d0
Acoustic Class	Class D
Perforated Area	6%
Perforation Size	12 x 12 mm
Perforation Distance, CC	25 mm

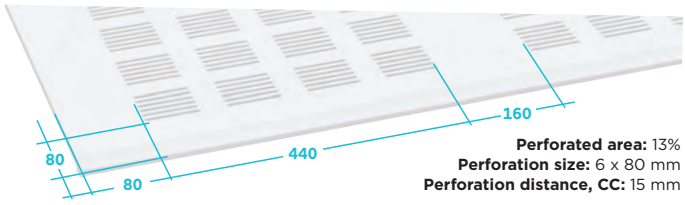
ACOUSTICS

Practical absorption coefficient α_p



	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	NRC VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz			
	58	50	0.56	0.35	0.33	0.33	0.36	0.33	0.35	0.35	D
	200	-	0.44	0.34	0.35	0.33	0.32	0.30	0.35	0.35	D
	400	50	0.36	0.30	0.35	0.35	0.38	0.34	0.40	0.35	D

Gyptone BIG™
LINE 6



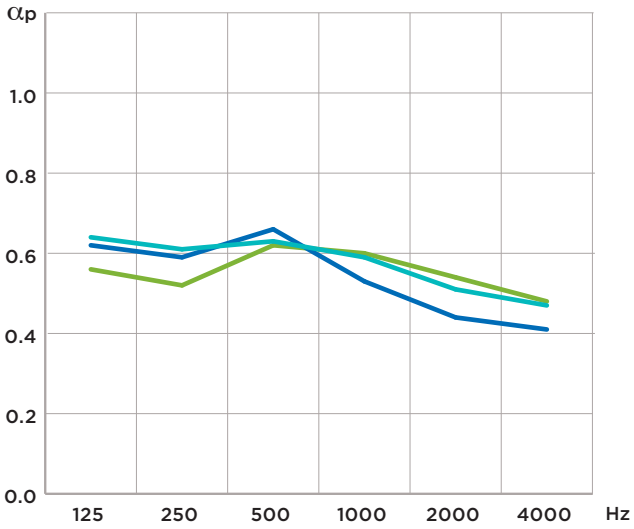
Perforated area: 13%
Perforation size: 6 x 80 mm
Perforation distance, CC: 15 mm

PHYSICAL PROPERTIES

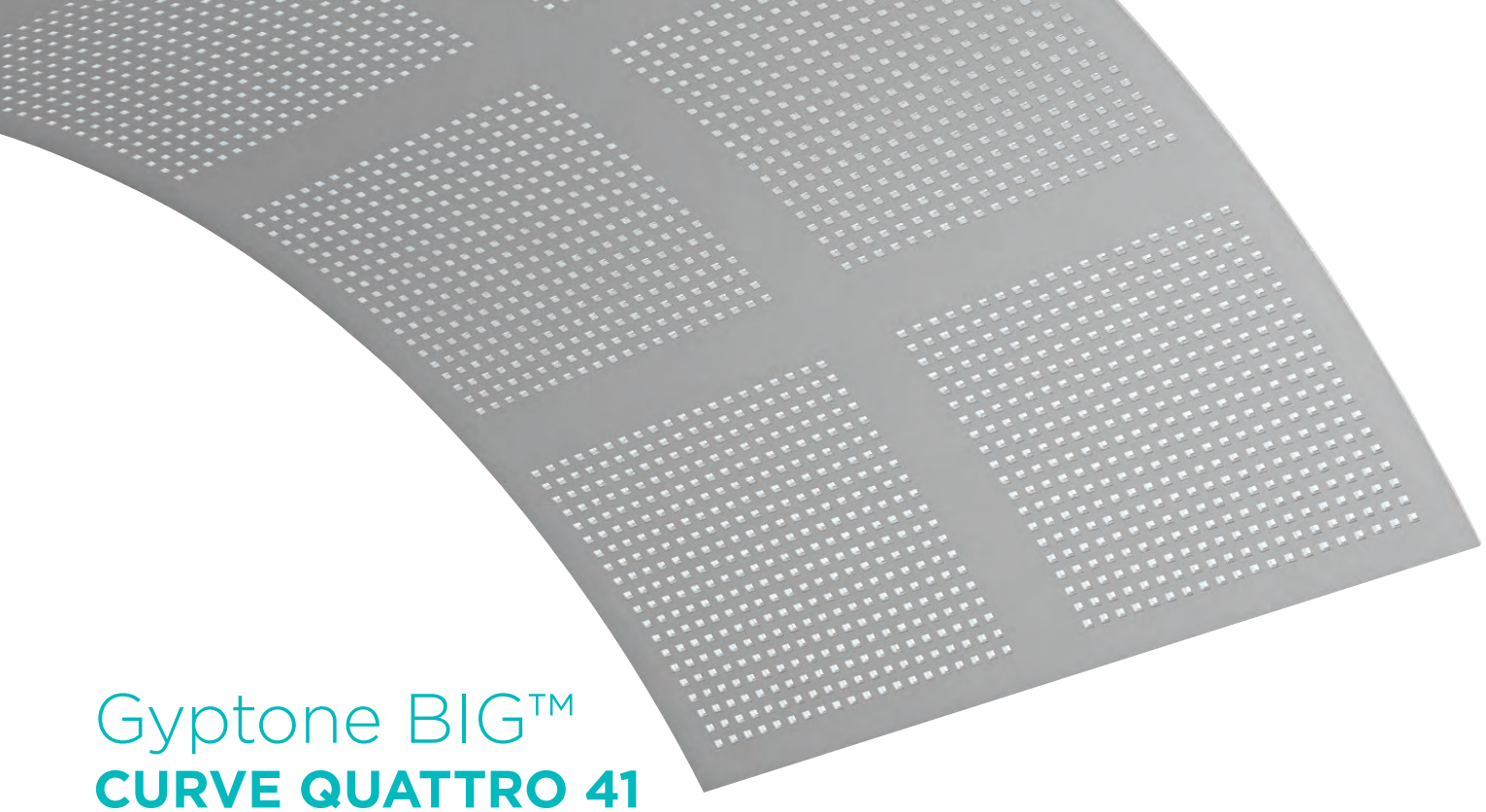
Tissue Colour	White
Edge Type	Tapered edge on the two long sides, edge B1
Modular Size	1200 x 2400 mm
Thickness	12.5 mm
Weight	Approx. 8 kg/m²
Colour	Unpainted
Reaction to Fire Classification	A2-s1, d0
Acoustic Class	Class C – see table below
Perforated Area	13%
Perforation Size	6 x 80 mm
Perforation Distance, CC	15 mm

ACOUSTICS

Practical absorption coefficient α_p



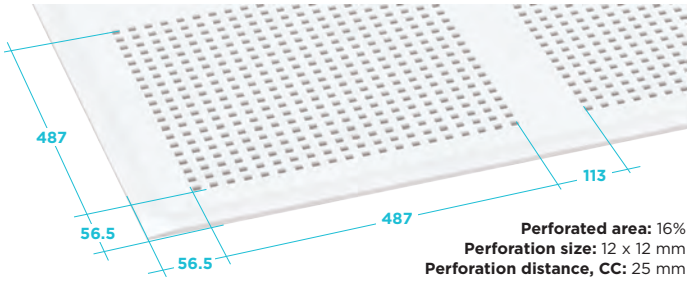
	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	NRC VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz			
	58	50	0.64	0.61	0.63	0.59	0.51	0.47	0.55	0.55	D
	200	–	0.62	0.59	0.66	0.53	0.44	0.41	0.50	0.55	D
	400	50	0.56	0.52	0.62	0.60	0.54	0.48	0.60	0.55	C



Gyptone BIG™
CURVE QUATTRO 41

PHYSICAL PROPERTIES

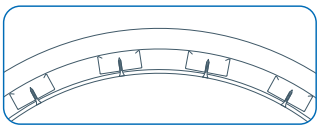
Tissue Colour	White
Edge type	Tapered edge on the two long sides, edge B1
Modular size	1200 x 2400 mm
Thickness	6.5 mm
Weight	Approx. 6.5 kg/m2
Colour	Unpainted
Reaction to Fire Classification	B-s1, d0
Acoustic Class	Class C
Perforated Area	16%
Perforation Size	12 x 12 mm
Perforation Distance, CC	25 mm



Perforated area: 16%
Perforation size: 12 x 12 mm
Perforation distance, CC: 25 mm

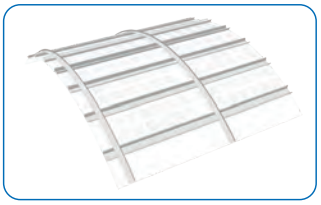
MOUNTING SYSTEM:

CasoLine MF ceiling system



MOUNTING:

Gyptone BIG™ Curve is screw mounted to curved profiles and the boards are not demountable. Special screws for hard gypsum boards must be used.

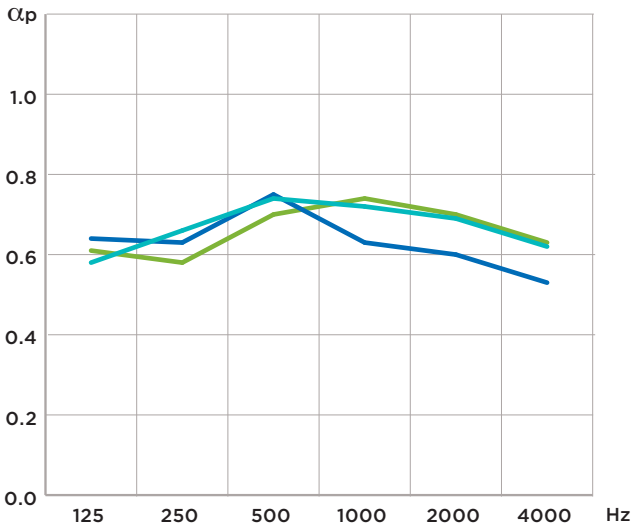


BENDING ABILITY:

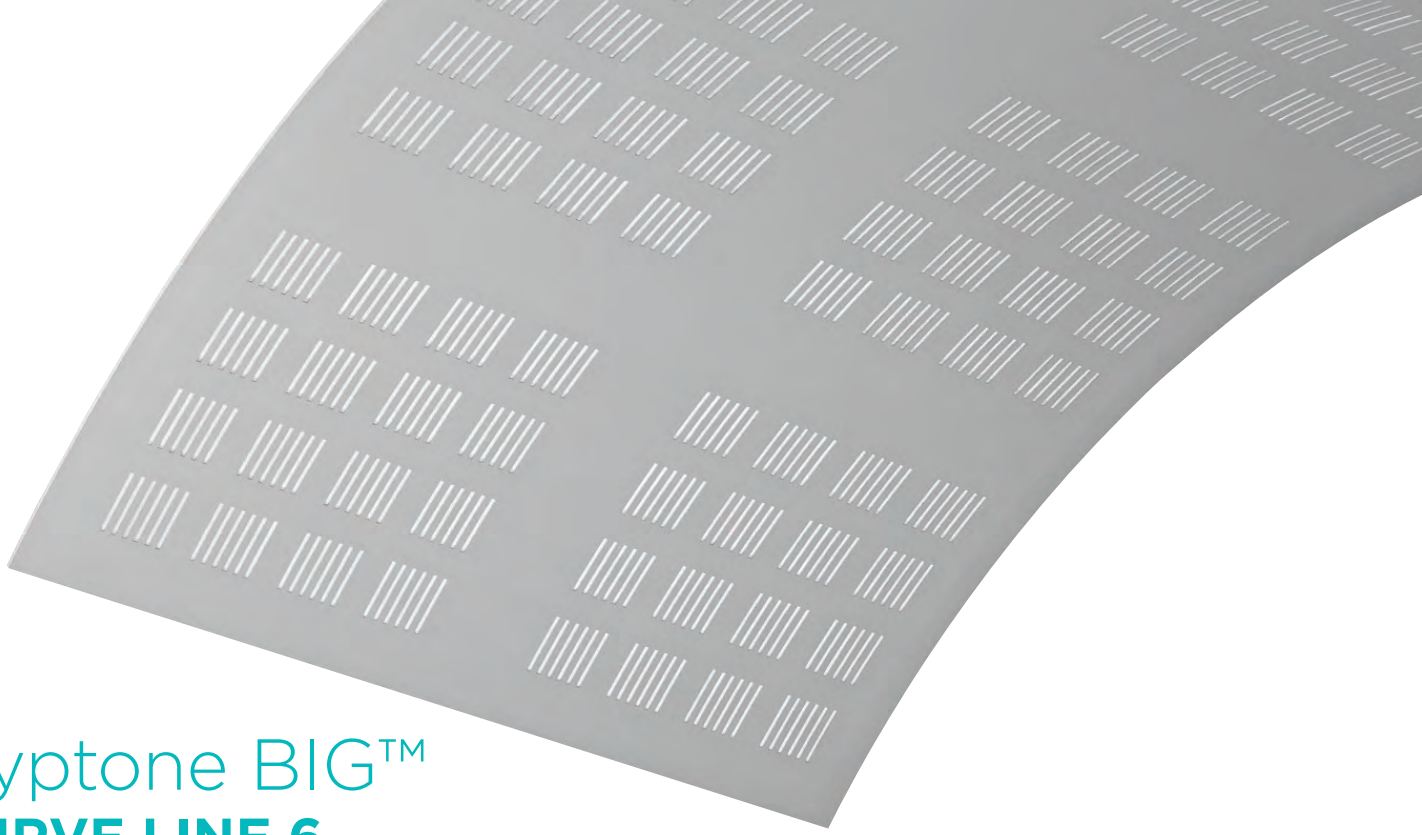
Gyptone BIG™ Curve can be dry bent down to a radius of 2.2 m.

ACOUSTICS

Practical absorption coefficient α_p



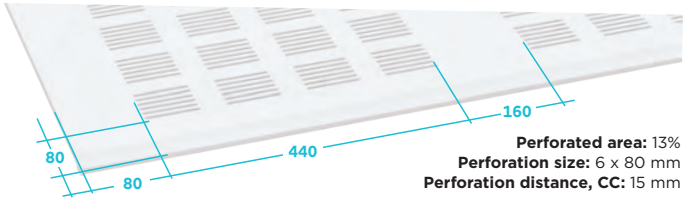
	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	NRC VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz			
	58	50	0.58	0.66	0.74	0.72	0.69	0.62	0.70	0.70	C
	200	–	0.64	0.63	0.75	0.63	0.60	0.53	0.65	0.65	C
	400	50	0.61	0.58	0.70	0.74	0.70	0.63	0.75	0.65	C



Gyptone BIG™
CURVE LINE 6

PHYSICAL PROPERTIES

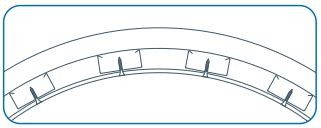
Tissue Colour	White
Edge Type	Tapered edge on the two long sides, edge B1
Modular Size	1200 x 2400 mm
Thickness	6.5 mm
Weight	Approx. 6.5 kg/m²
Colour	Unpainted
Reaction to Fire Classification	B-s1, d0
Acoustic Class	Class C – see table below
Perforated Area	13%
Perforation Size	6 x 80 mm
Perforation Distance, CC	15 mm



Perforated area: 13%
Perforation size: 6 x 80 mm
Perforation distance, CC: 15 mm

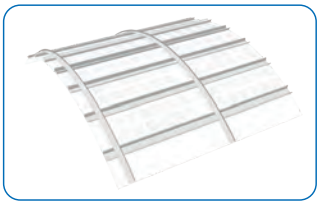
MOUNTING SYSTEM:

CasoLine MF ceiling system



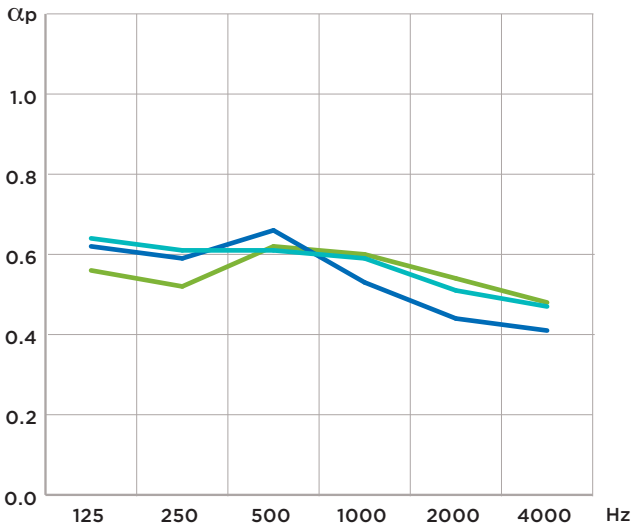
MOUNTING:

Gyptone BIG™ Curve is screw mounted to curved profiles and the boards are not demountable. Special screws for hard gypsum boards must be used.



ACOUSTICS

Practical absorption coefficient α_p



BENDING ABILITY:

Gyptone BIG™ Curve can be dry bent down to a radius of 2.2 m.

	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	NRC VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz			
	58	50	0.64	0.61	0.61	0.59	0.51	0.47	0.55	0.55	D
	200	–	0.62	0.59	0.66	0.53	0.44	0.41	0.50	0.55	D
	400	50	0.56	0.52	0.62	0.60	0.54	0.48	0.60	0.55	C

Bord Gáis Energy Theatre,
Grand Canal Dock, Dublin

Rigitone® Edge Boards

Rigitone® Edge Boards are perforated gypsum acoustic boards used in conjunction with CasoLine **MF**, CasoLine **CURVE** or GypLyner systems. It creates a totally monolithic surface in acoustic ceilings, islands or vertical wall absorbers where aesthetic design and reverberation control are desired.

Rigitone® Edge Boards come in five distinctive perforation patterns that join together to give an unbroken regular or random, flat or curved pattern across the entire ceiling area.

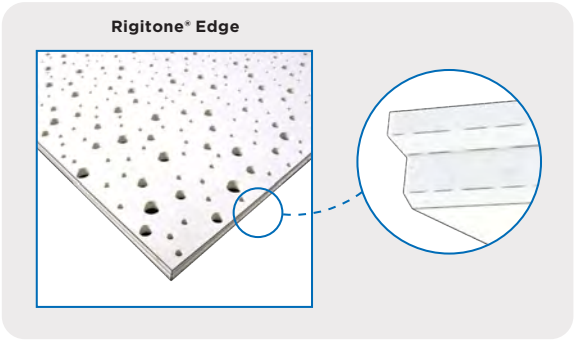
Rigitone® Edge Boards can be painted in any colour (roller application only) which is a key aspect in interior design decisions. All Rigitone® Edge products come with the Activ'Air technology which will contribute to the indoor air quality by reducing the formaldehyde level.

SOUND CONTROL – CONTRIBUTING TO ACOUSTIC COMFORT

Our ceilings contribute to acoustic performance, thanks to their pattern of surface perforations, combined with an absorption acoustic fleece on the reverse side. These two features combine to absorb undesirable sound energy (or noise) from within the room.

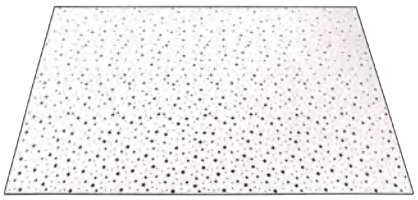
FEATURES AND BENEFITS

- Acoustic control
- Chamfered edge
- Boards already sanded and primed
- Indoor air quality



CONTENTS

Rigitone® Edge
8-15-20 SUPER

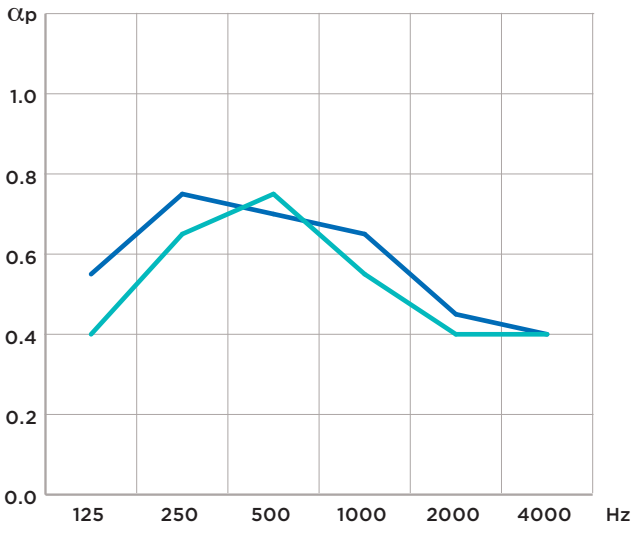


PHYSICAL PROPERTIES

Board size	1961 x 1204 mm
Board thickness	12.5 mm
Perforation size	8 mm, 15 mm and 20 mm circles
Perforation spacing	Random/irregular
Perforated area	10%
Edge type	Chamfered (sanded and primed)
Acoustic class	Class D
α_w (up to)	0.50
Reaction to Fire Classification	A2-s1,d0
Weight (approx)	10 kg/m²
Tissue colour	Black (White tissue available on request)

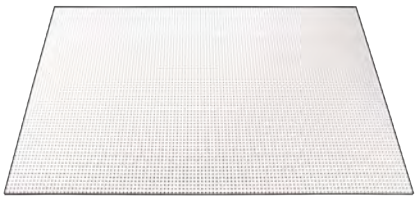
ACOUSTICS

Practical absorption coefficient α_p



	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz		
	200	–	0.40	0.65	0.75	0.55	0.40	0.40	0.50	D
	200	60	0.55	0.75	0.70	0.65	0.45	0.40	0.50	D

Rigitone® Edge
8/18

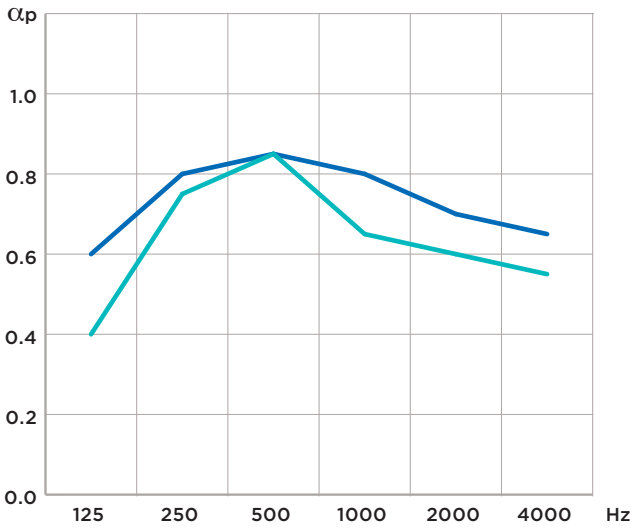


PHYSICAL PROPERTIES

Board size	1998 x 1188 mm
Board thickness	12.5 mm
Perforation size	8 mm circles
Perforation spacing	18 mm centres
Perforated area	16%
Edge type	Chamfered (sanded and primed)
Acoustic class	Class C
α_w (up to)	0.75
Reaction to Fire Classification	A2-s1,d0
Weight (approx)	10 kg/m²
Tissue colour	Black (White tissue available on request)

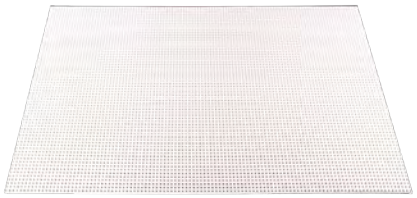
ACOUSTICS

Practical absorption coefficient α_p



	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz		
	200		0.40	0.75	0.85	0.65	0.60	0.55	0.65	C
	200	60	0.60	0.80	0.85	0.80	0.70	0.65	0.75	C

Rigitone® Edge
8/18 Q

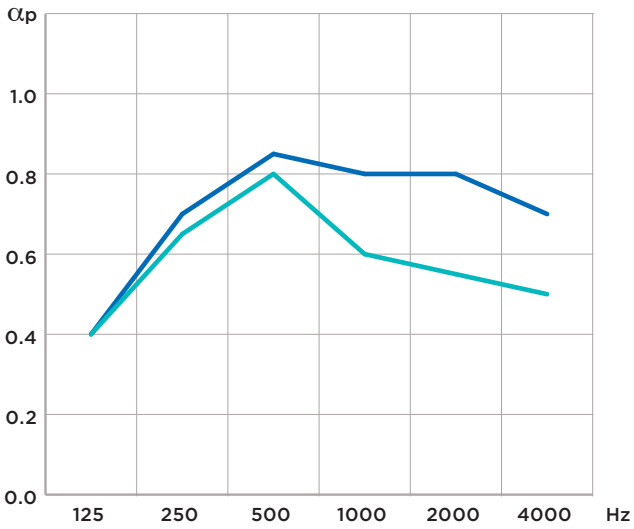


PHYSICAL PROPERTIES

Board size	1998 x 1188 mm
Board thickness	12.5 mm
Perforation size	8 mm squares
Perforation spacing	18 mm centres
Perforated area	20%
Edge type	Chamfered (sanded and primed)
Acoustic class	Class B - see table below
α_w (up to)	0.80
Reaction to Fire Classification	A2-s1,d0
Weight (approx)	10 kg/m²
Tissue colour	Black (White tissue available on request)

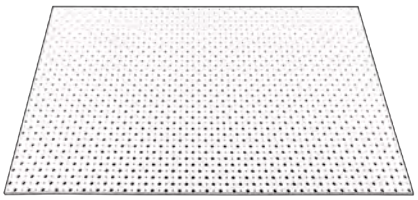
ACOUSTICS

Practical absorption coefficient α_p



	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz		
	200	-	0.40	0.65	0.80	0.60	0.55	0.50	0.60	C
	200	20	0.40	0.70	0.85	0.80	0.80	0.70	0.80	B

Rigitone® Edge
12-20/66

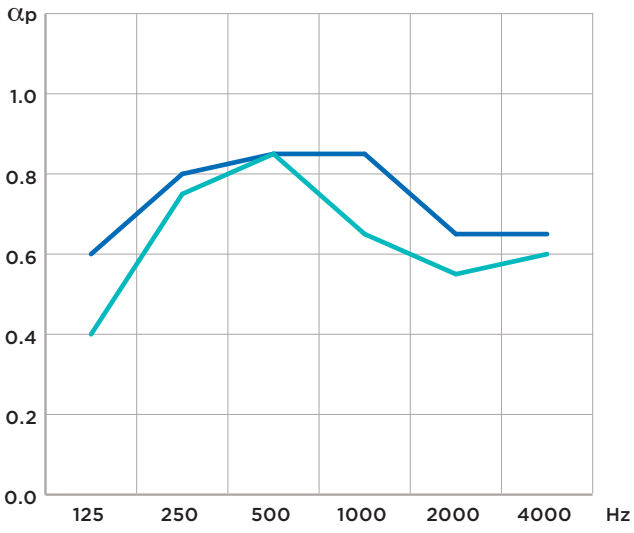


PHYSICAL PROPERTIES

Board size	1980 x 1188 mm
Board thickness	12.5 mm
Perforation size	12 mm and 20 mm circles
Perforation spacing	66 mm centres
Perforated area	20%
Edge type	Chamfered (sanded and primed)
Acoustic class	Class C
α_w (up to)	0.75
Reaction to Fire Classification	A2-s1,d0
Weight (approx)	10 kg/m²
Tissue colour	Black (White tissue available on request)

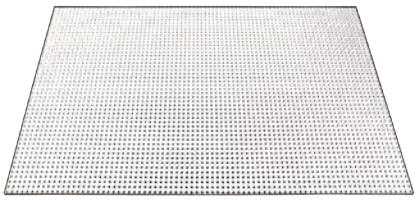
ACOUSTICS

Practical absorption coefficient α_p



	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz		
	200	-	0.40	0.75	0.85	0.65	0.55	0.60	0.65	C
	200	60	0.60	0.80	0.85	0.85	0.65	0.65	0.75	C

Rigitone® Edge
12/25 Q

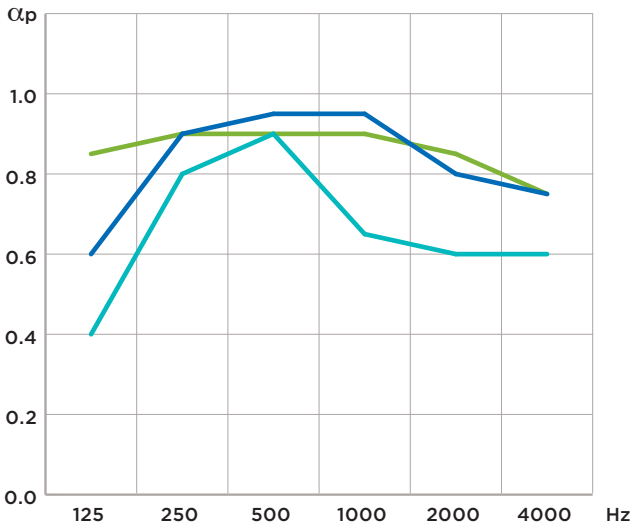


PHYSICAL PROPERTIES

Board size	2000 x 1200 mm
Board thickness	12.5 mm
Perforation size	12 mm squares
Perforation spacing	25 mm centres
Perforated area	23%
Edge type	Chamfered (sanded and primed)
Acoustic class	Class A - see table below
α_w (up to)	0.90
Reaction to Fire Classification	A2-s1,d0
Weight (approx)	9.5 kg/m²
Tissue colour	Black (White tissue available on request)

ACOUSTICS

Practical absorption coefficient α_p



	PLENUM (mm)	INSULATION (mm)	FREQUENCY						α_w VALUE	ABSORPTION CLASS
			125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz		
	200		0.40	0.80	0.90	0.65	0.60	0.60	0.65	C
	200	60	0.60	0.90	0.95	0.95	0.80	0.75	0.85	B
	200	140	0.85	0.90	0.90	0.90	0.85	0.75	0.90	A

Analog Devices International,
Raheen Business Park, Limerick

Gyprex Tiles

Gyprex vinyl faced tiles are ideal for use in areas of high humidity. Gyprex BIO also includes a powerful biocide to prevent fungal and bacterial growth and is widely specified in many healthcare and hygienic applications.

SATINSPAR

A vinyl-faced gypsum tile with a smooth, wipeable, surface finish. For use in a range of commercial and residential ceiling applications.

BIO

A vinyl-faced gypsum tile with a smooth, wipeable surface. For use in commercial ceiling installations where the highest levels of hygiene are required as Gyprex BIO contains an integral Biocide preventing the growth of fungi and bacteria, including MRSA, Ecoli 0157 and Salmonella.

PHYSICAL PROPERTIES

EN Standards & Certification	EN 14190
Thickness	8 mm
Width	600 mm
Length	600–1200 mm
Edge Profiles	A
Weight (approx)	6.2 kg/m^2
Available Colours	SATINSPAR: White & Black BIO: White Only
Acoustic Performance D_{ncw}dB	up to 37 dB
Light Reflectance	88% (White Only)
Reaction to Fire Classification	B-s1,d0

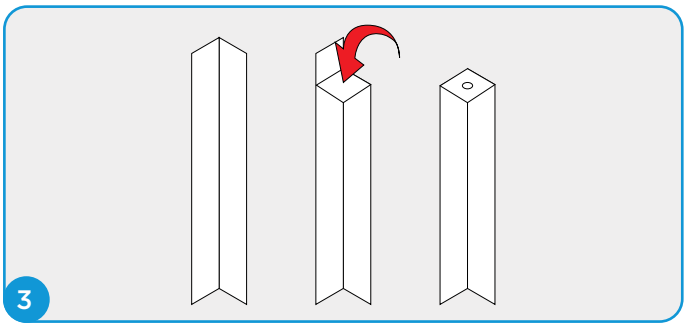
Installation Guidance

CONTENTS

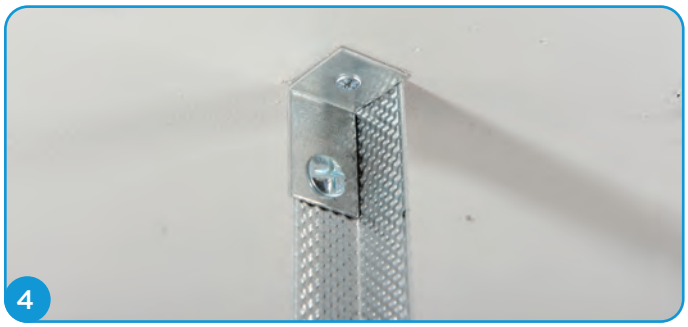
Gyproc CasoLine MF Ceiling System
Installation Guide

Fix Gypframe MF6 Perimeter Channels to the perimeter walls at 600 mm centres.

Form hangers by securing Gypframe MF8 Strap Hanger to Gypframe MF12 Soffit Cleats with Gypframe MF11 Nuts and Bolts.



Alternatively, form hangers by securing Gypframe FEA1 Steel Angle (maximum load will be reduced by 25% is using this method).



Suitably fix these hangers to the soffit at the required centres. For Gyptone BIG™ installation, hangers to be at 1200 mm centres. For Rigitone® Edge installation, hangers to be at 1000 mm centres.

Position Gypframe MF7 Primary Support Channels then use Gyproc Wafer Head Jack-Point screws to fix the hangers to the side of these channels. Use two screws per hanger. For Gyptone BIG™, MF7 Primary Support Channels at 1200 mm centres. For Rigitone® Edge, MF7 Primary Support Channels at 1000 mm centres.

Use Gyproc Wafer Head Jack-Point Screws to fix Gypframe MF5 Ceiling Sections to the underside of the Gypframe MF7 Primary support at required centres. For Gyptone BIG™, MF5 Ceiling Sections to be installed at 600 mm nominal centres. For Rigitone® Edge, MF5 Ceiling Sections to be installed at 330 mm nominal centres.

Gyproc Gyptone BIG™ boards or Rigitone® Edge boards are then screw fixed to the GypFrame MF5 ceiling sections using 30mm Rigitone® Edge Screws or Gyproc Drywall screws.

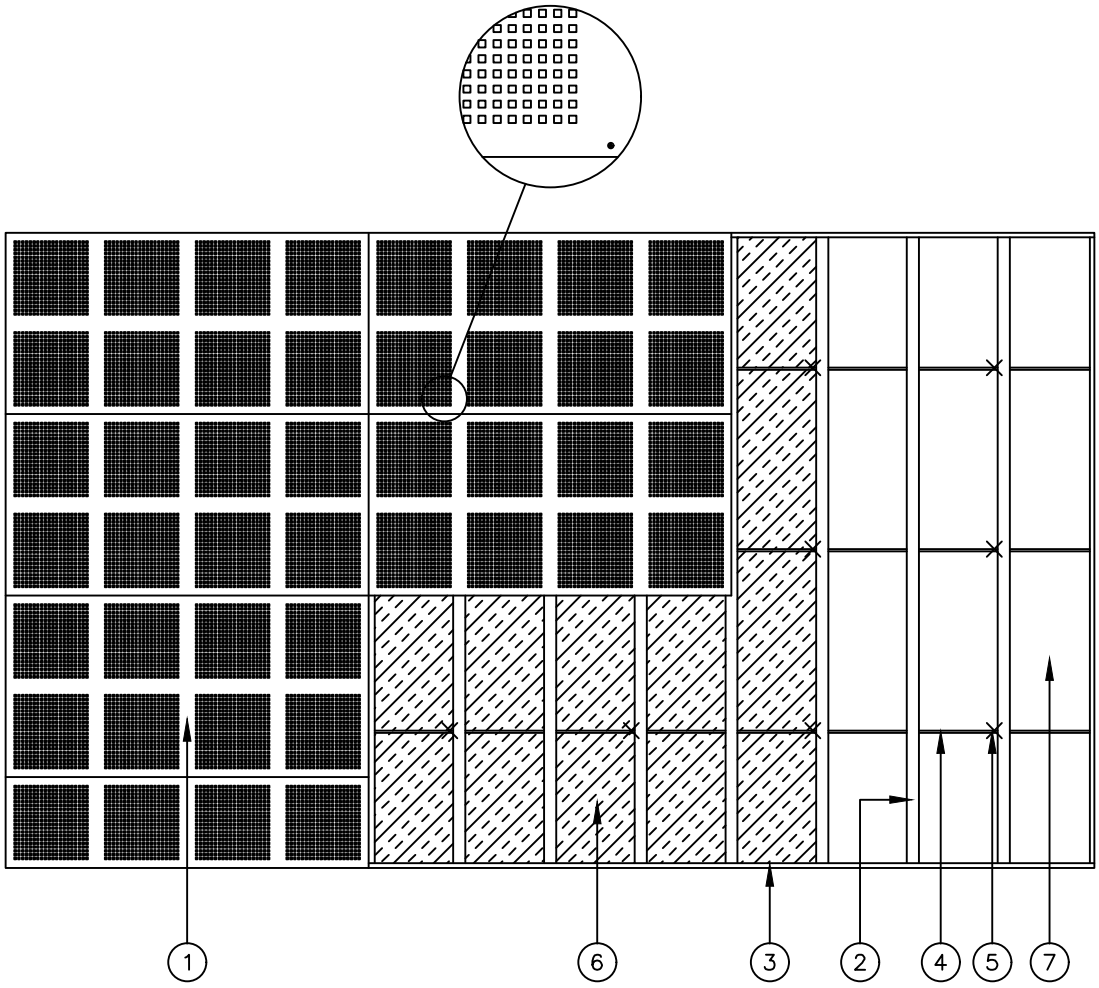
Ensure that the fixings are not located so close to the edge of the board or perforations as it may cause cracking or damage. Screw heads must be tight fixed to allow for filling and finishing.

Gyptone BIG™ boards can be taped and jointed using the paper tape method. For Rigitone® Edge boards, please refer to page 26 for the jointing guide.

Gyptone BIG™ Metal Framing
Reflected Ceiling Plan

CASOLINE MF

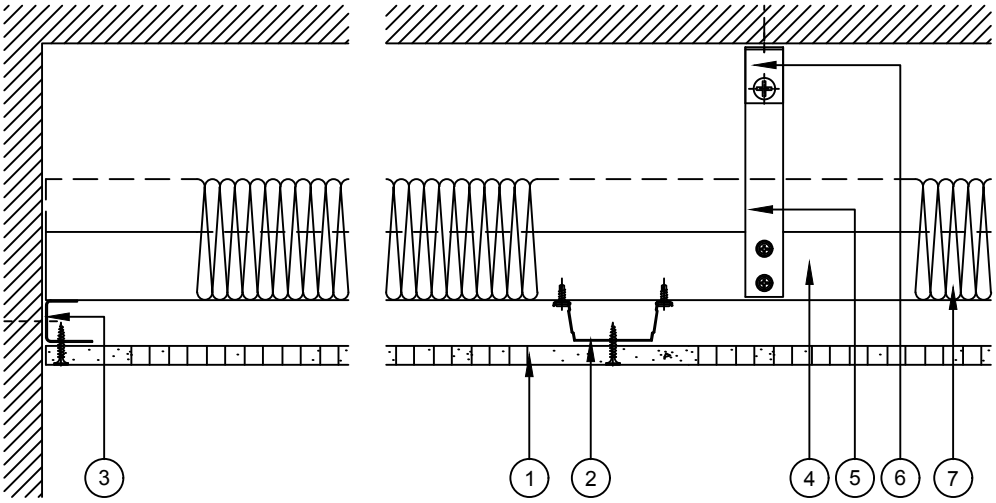
1. 1 layer 12.5mm Gyptone (QUATTRO 41 shown) fixed with 25mm Gyproc Drywall Screws at 230mm centres
2. Gypframe MF5 Ceiling Sections at 600mm centres (2400mm boards) fixed to each MF7 with 2 no. Gyproc Wafer Head Jack-Point Screws or MF9 Connecting Clip
3. Gypframe MF6 Perimeter Channel suitably fixed to wall at 600mm centres
4. Gypframe MF7 Primary Support Channels at 1200mm centres
5. Gypframe MF8 Strap Hanger or FEA1 Steel Angle hangers at 1200mm centres fixed to MF7 with 2 no. Gyproc Wafer Head Jack-Point Screws. Gypframe MF12 Soffit Cleat fixed to hanger with MF11 Nut & Bolt & suitably fixed to soffit
6. Isover insulation where required
7. Concrete soffit



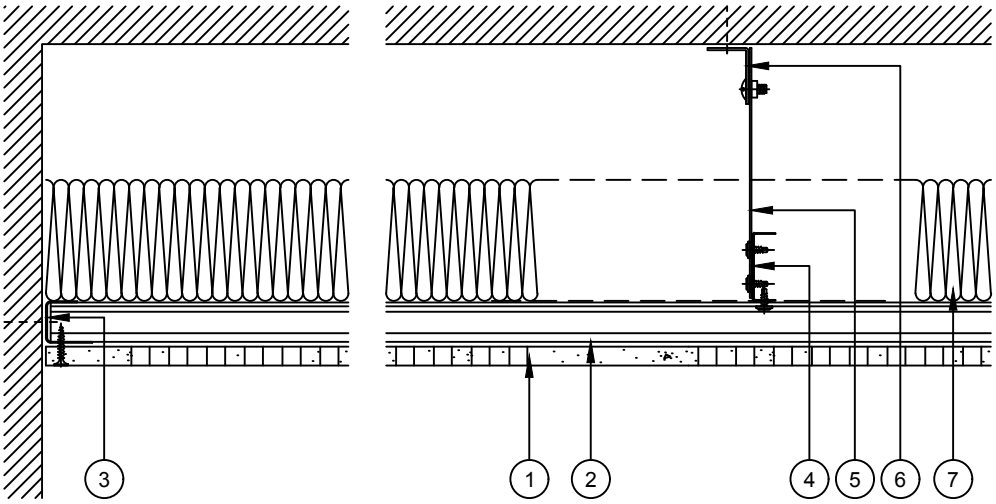
Gyptone BIG™ Metal Framing
Perimeter Detail

CASOLINE MF

1. 1 layer 12.5mm Gyptone (QUATTRO 41 shown) fixed with 25mm Gyproc Drywall Screws at 230mm centres
2. Gypframe MF5 Ceiling Sections at 600mm centres (2400mm boards) fixed to each MF7 with 2 no. Gyproc Wafer Head Jack-Point Screws or MF9 Connecting Clip
3. Gypframe MF6 Perimeter Channel suitably fixed to wall at 600mm centres
4. Gypframe MF7 Primary Support Channels at 1200mm centres
5. Gypframe MF8 Strap Hanger or FEA1 Steel Angle hangers at 1200mm centres fixed to MF7 with 2 no. Gyproc Wafer Head Jack-Point Screws
6. Gypframe MF12 Soffit Cleat fixed to hanger with MF11 Nut & Bolt & suitably fixed to soffit
7. Isover insulation where required



Perimeter 1

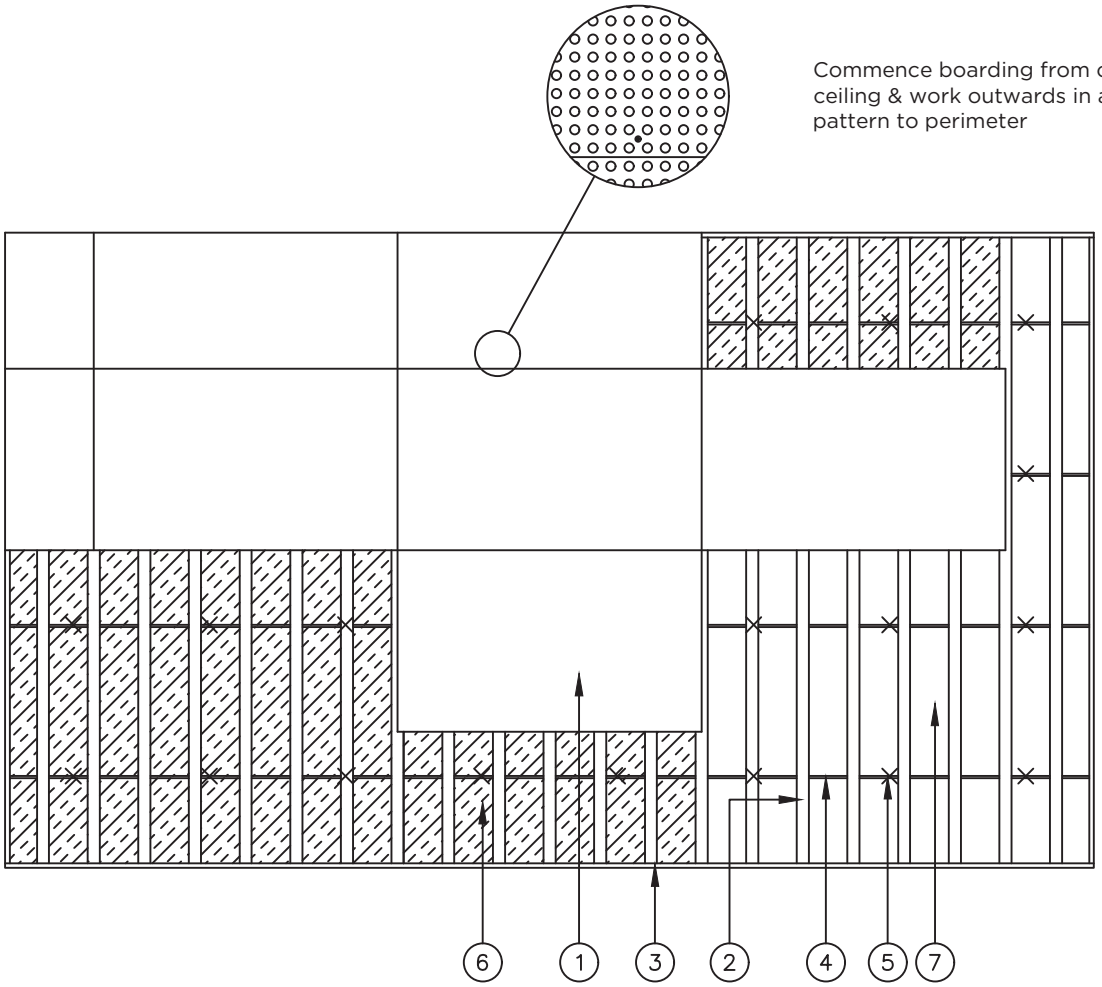


Perimeter 2

Rigitone® Edge Metal Framing
Reflected Ceiling Plan

CASOLINE MF

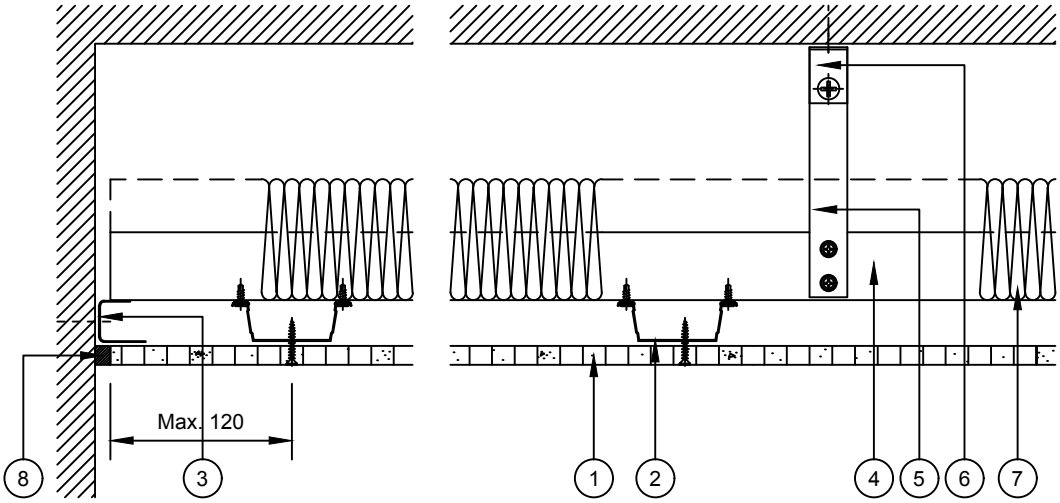
1. 1 layer 12.5 mm Rigitone® (15/30 shown) fixed with 30 mm Rigitone® Screws at 230 mm centres in field of board & 150 mm centres at board ends
2. Gypframe MF5 Ceiling Sections at nominal 330 mm centres (to suit board length) fixed to each MF7 with 2 no. Gyproc Wafer Head Jack-Point Screws or MF9 Connecting Clip. MF5 ends butted together with 300mm length of MF5 inserted behind & fixed with 4 no. Gyproc Wafer Head Drywall Screws
3. Gypframe MF6 Perimeter Channel suitably fixed to wall at 600 mm centres
4. Gypframe MF7 Primary Support Channels at 1000 mm centres
5. Gypframe MF8 Strap Hanger or FEA1 Steel Angle hangers at 900 mm centres along the length of the MF7 with 2 no. Gyproc Wafer Head Jack-Point Screws. Gypframe MF12 Soffit Cleat fixed to hanger with MF11 Nut & Bolt & suitably fixed to soffit
6. Isover insulation where required
7. Concrete soffit



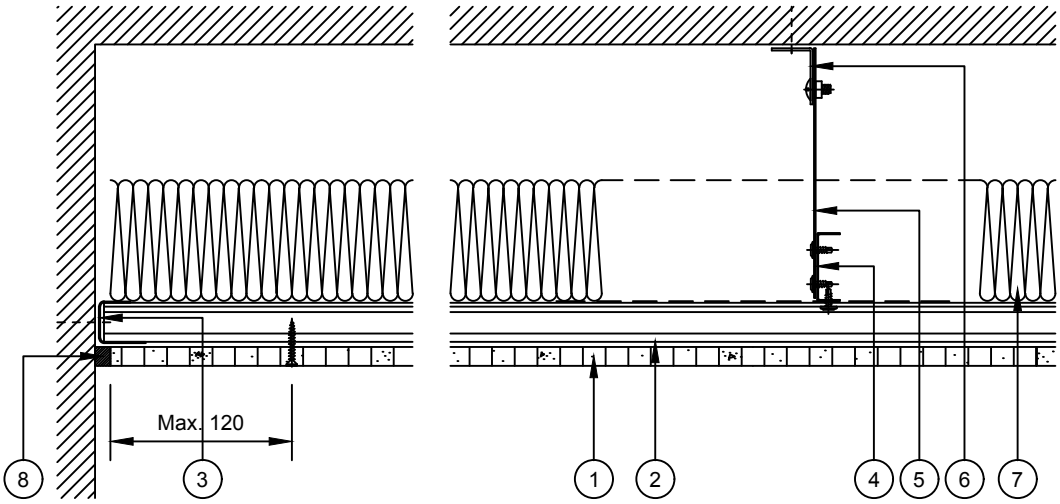
Rigitone® Edge Metal Framing
Perimeter Detail

CASOLINE MF

1. 1 layer 12.5 mm Rigitone® (15/30 shown) fixed with 30 mm Rigitone® Screws at 230 mm centres in field of board & 150 mm centres at board ends
2. Gypframe MF5 Ceiling Sections at nominal 330 mm centres (to suit board length) fixed to each MF7 with 2 no. Gyproc Wafer Head Jack-Point Screws or MF9 Connecting Clip. MF5 ends butted together with 300mm length of MF5 inserted behind & fixed together with 2 no. Gyproc Wafer Head Drywall Screws on each side
3. Gypframe MF6 Perimeter Channel suitably fixed to wall at 600 mm centres
4. Gypframe MF7 Primary Support Channels at 1000 mm centres
5. Gypframe MF8 Strap Hanger or FEA1 Steel Angle hangers at 900 mm centres along the length of the MF7 with 2 no. Gyproc Wafer Head Jack-Point Screws
6. Gypframe MF12 Soffit Cleat fixed to hanger with MF11 Nut & Bolt & suitably fixed to soffit
7. Isover insulation where required
8. Rigitone® Edge ReadyMix Jointing Material

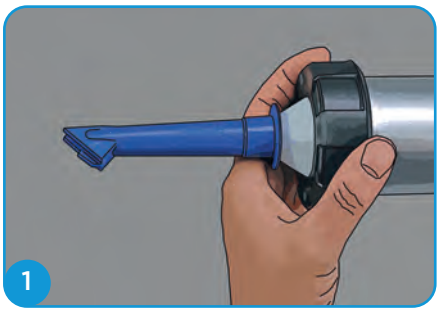


Perimeter 1



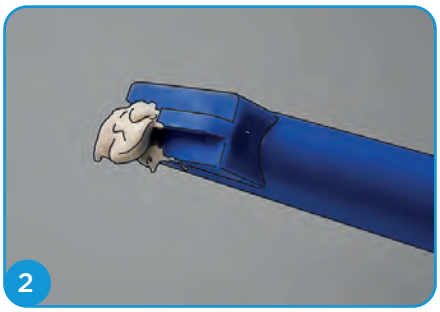
Perimeter 2

Rigitone® Edge
Jointing Guide



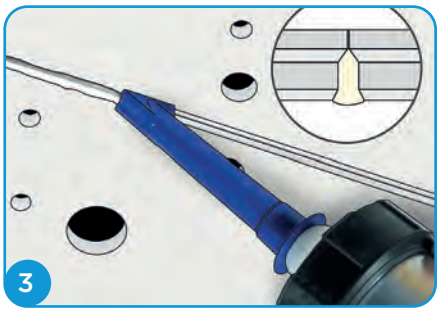
PREPARATION OF THE MIX

Take a ready-mix refill and insert it into the Rigitone® Mix gun.



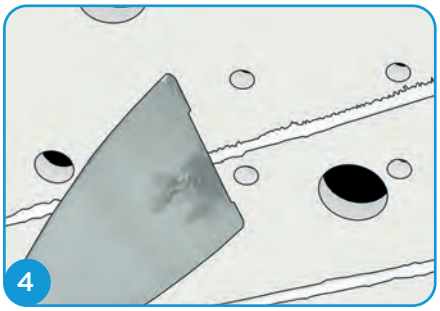
PREPARATION OF THE MIX

Close the gun and apply pressure, the mix comes out from the nozzle (packaging = 20 refills - 1 refill of 600 ml = up to 10 m2 for Rigitone® Edge installed boards).



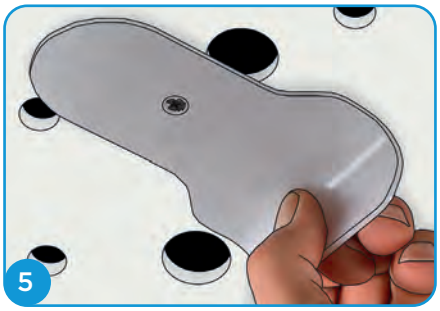
PREPARATION OF THE MIX

Insert a ready-mix refill into the Rigitone® Mix gun and use it to apply the mix into the joint.



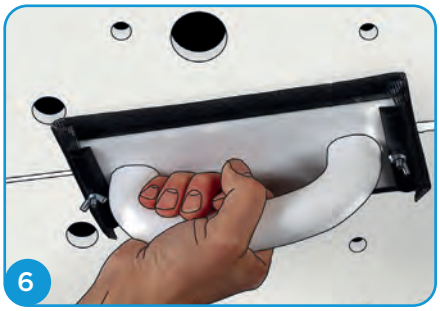
SMOOTHING OF THE JOINTS

After about 1 hour, strike the joints using the Rigitone® spatula provided to cover and finish the screw heads.



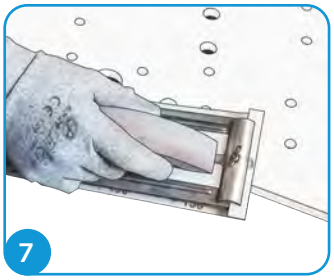
FINISHING

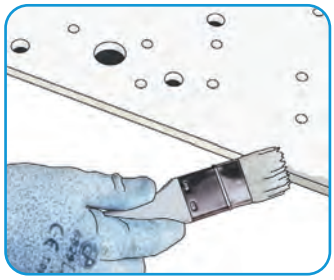
Use the Rigitone® Edge ReadyMix Jointing Material and the Rigitone® spatula to finish the joints and cover the screw heads.

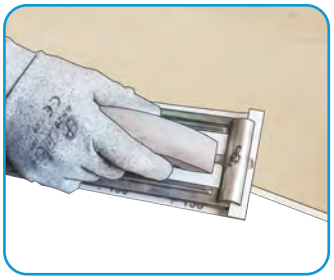


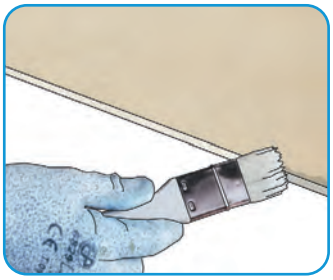
SANDING

After 12 to 24 hours depending on the humidity of the room, lightly sand the surface with a very fine sandpaper to remove any last residues. The surface is now ready to be painted, using a roller only.









WHEN CUTTING BOARDS

Lightly sand and prime the cut edges of boards using the Rigitone® primer.

Note: sanding and priming are required for any edge that has been cut.

Some tips:

- Preparation of the Lutèce® primer = 2/3 product - 1/3 water.
- Application of the primer => to the cut edge of the board using the brush provided.

PAINTING

After the jointing treatment has set and dried, and any final sanding is complete, the surface should be dusted down and Gyproc Drywall Primer applied by brush or roller.

Note: When roller applying Gyproc Drywall Primer and paint finishes, care should be taken to ensure primer or paint does not fill the perforations in the board, as this will impair acoustic performance.

UCD Science Block,
Belfield, Dublin 4

Gyptone BIG™
Access Hatches

LINE 6

QUATTRO 41

QUATTRO 46

QUATTRO 47

PHYSICAL PROPERTIES

Edge	B
Weight	Approx. 3.6 kg/m²
Colour	Unpainted
Reaction to Fire Classification	A2-s1, d0

Gyptone BIG™ Access Hatches*	Thickness (mm)	Length (mm)	Width (mm)
LINE 6 Access Hatch	12.5	600	600
QUATTRO 41 Access Hatch	12.5	600	600
QUATTRO 46 Access Hatch	12.5	600	600
QUATTRO 47 Access Hatch	12.5	600	600

*All patterns come with a piece of board and a frame.

Rigitone® Edge
Access Hatches

8/18

8-15-20 SUPER

12-20/66

12-25 Q

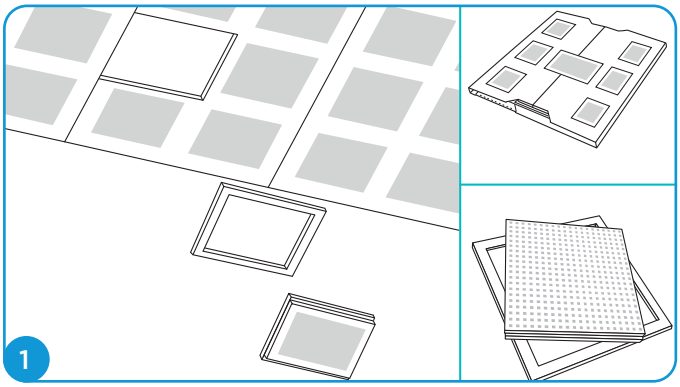
PHYSICAL PROPERTIES

Edge	B
Colour	White (NCS 0500 - comparable RAL 9010)
Reaction to Fire Classification	A2-s1, d0

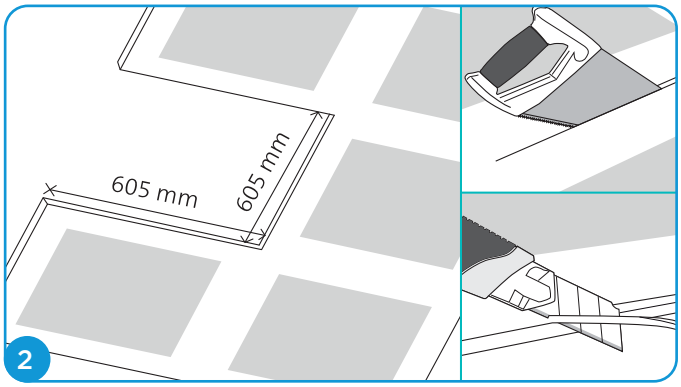
Rigitone® Edge Access Hatches*	Thickness (mm)	Length (mm)	Width (mm)
8/18 Access Hatch Black Tissue	12.5	600	600
8-15-20 Super Access Hatch	12.5	500	500
12-20/66 Access Hatch Black Tissue	12.5	500	500
12-25 Q Access Hatch Black Tissue	12.5	500	500

*All Rigitone®Edge Access Hatches come with the relevant board pattern and a frame, with the exception of the Rigitone®Edge 8-15-20 Super Access Hatch which comes only with the frame, board cut-out to be incorporated.

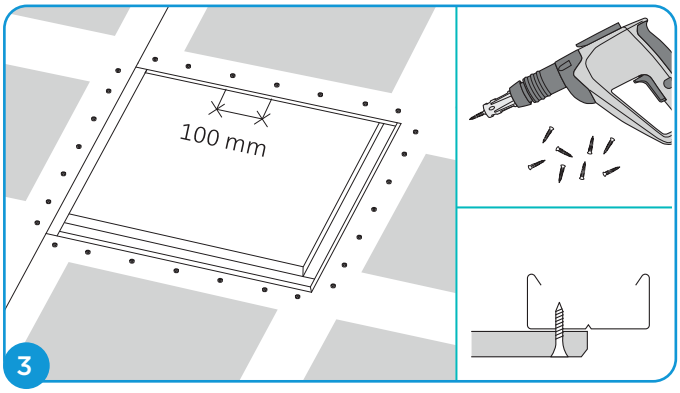
Gyptone BIG™ Access Hatches
Installation Guide



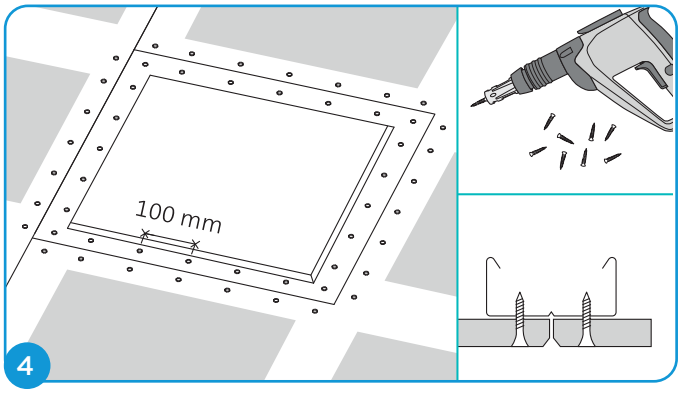
Gyptone BIG™ Access Panel is used in combination with the Gyptone BIG™ ceilings.



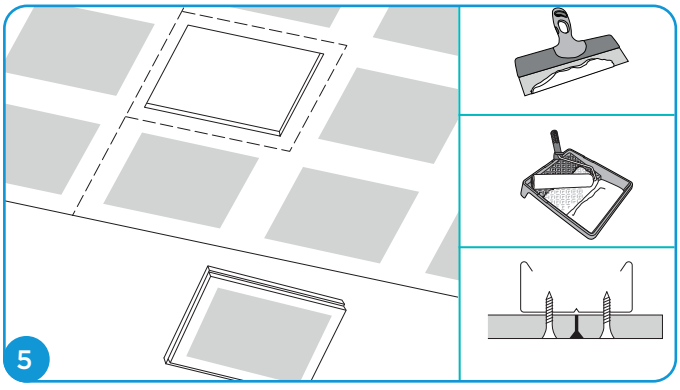
The measurements for cutting holes are centred around a perforated area. The hole is cut with a delicate jagged saw / knife. All edges must be bevelled with a knife.



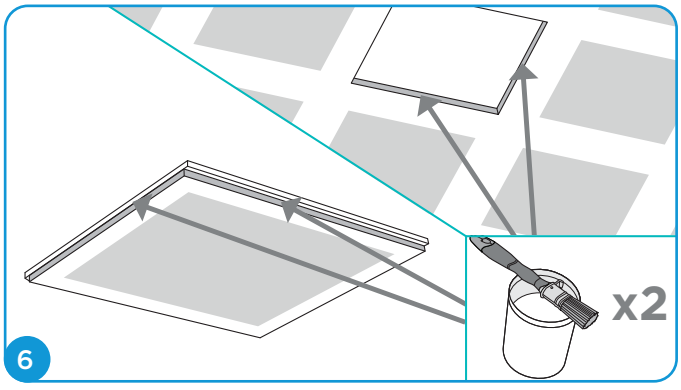
Fix the ceiling boards to the metal profiles. Screws are placed at a max. distance of 10 mm from the edge of the board. There must be a stable base on all four sides.



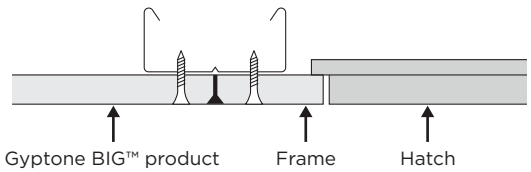
Carefully lift the frame into place and screw it into the metal profiles, max. distance cc 100 mm.



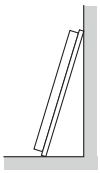
The ceiling is filled and painted. Note that the hatch should be painted / dried before installation in order to avoid sticking to other surfaces.



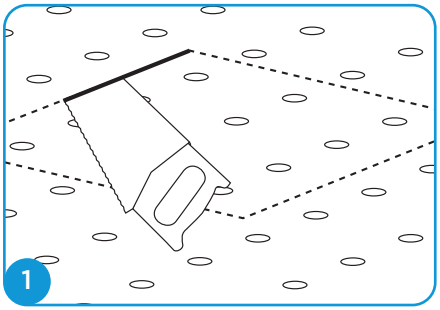
The vertical gypsum edges on the frame / hatch must be painted twice with an extra resilient paint to strengthen the edges. It is advantageous to use high gloss paint.



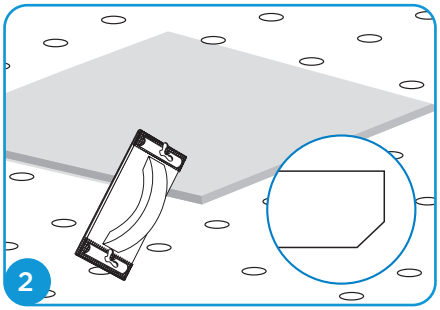
When dismantling the hatch must always be placed in a standing position against the heavy rear board.



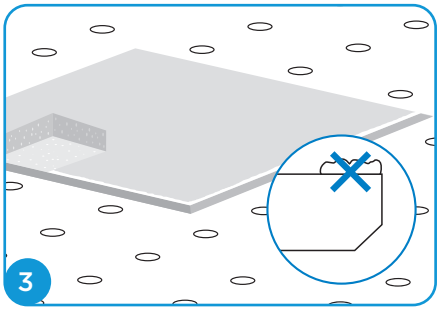
Rigitone® Edge Access Hatches
Installation Guide



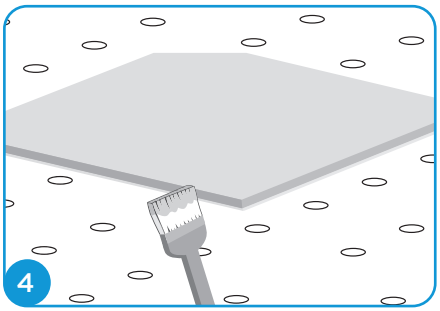
Measure the space corresponding to the location of the frame. Cut the panel with a saw using the hatch frame as a template. (Refer to the guide provided in the access hatch box for nominal cutting dimensions and minimum plenum).



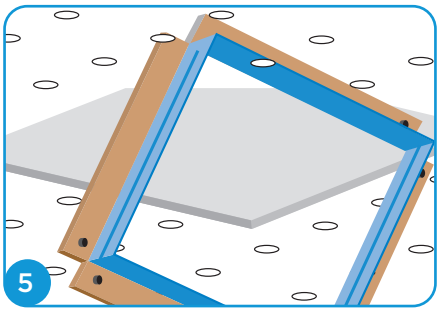
Sand the edges.



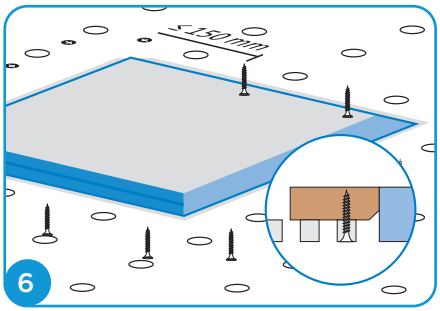
Clean the surface to get rid of any plaster dust.



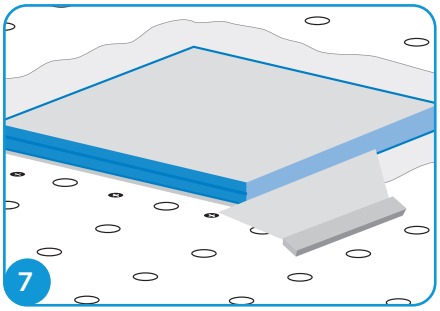
Apply Lutèce® Primer.



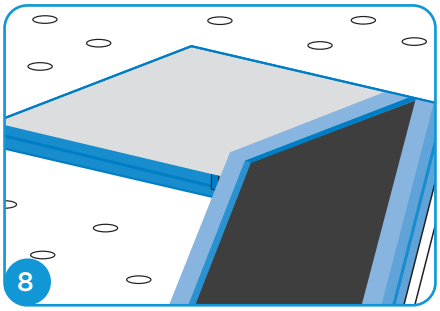
Fit the frame and adjust with bolts.



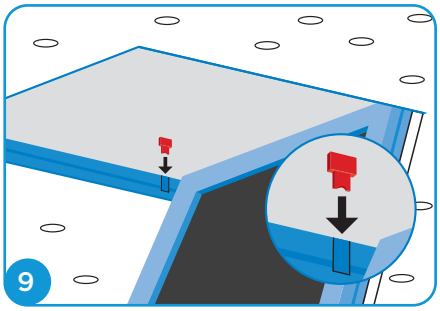
Secure the frame with screws.



Fill the joint with filler.



Fit the flap and push it into place.



Install the safety pins and close the flap.

The access hatch must be disassembled to be painted.
If the access hatch is installed on a wall, the push button must be positioned upwards.

Ceiling Product Range

Gyptone

Gyptone Boards	Edge Profiles		Product Code	Thickness (mm)	Length (mm)	Width (mm)	Qty Per Pallet	m² Per Pallet	Weight Tonnes*
LINE 6	4 TE	A	5200200466	12.5	2400	1200	20	57.60	0.50
BIG™ QUATTRO 41	4 TE	A	5200200470	12.5	2400	1200	20	57.60	0.50
BIG™ QUATTRO 46	4 TE	B	5200200467	12.5	2400	1200	20	57.60	0.50
BIG™ QUATTRO 47	4 TE	B	5200200468	12.5	2400	1200	20	57.60	0.50
CURVE LINE 6	4 TE		5200853856	6.5	2400	1200	20	57.60	0.40
CURVE QUATTRO 41	4 TE		5200609695	6.5	2400	1200	20	57.60	0.40

Gyptone Access Hatches		Product Code	Thickness (mm)	Length (mm)	Width (mm)	Qty Per Pallet	m² Per Pallet
BIG™ LINE 6 Access Hatch	B	5200027501	12.5	600	600	24	8.64
BIG™ QUATTRO 41 Access Hatch	A	5200027502	12.5	600	600	24	8.64
BIG™ QUATTRO 46 Access Hatch	B	5200027521	12.5	600	600	24	8.64
BIG™ QUATTRO 47 Access Hatch	B	5200027522	12.5	600	600	24	8.64

Rigitone® Edge Boards

Black Tissue Backing	Edge Profiles		Product Code	Thickness (mm)	Length (mm)	Width (mm)	Qty Per Pallet	m² Per Pallet	Weight Tonnes*
8-15-20 SUPER	SE	A	5200951918	12.5	1960	1204	20	47.2	0.5
8/18	SE	B	5200951920	12.5	1998	1188	20	47.47	0.5
8/18 Q	SE	B	5200951923	12.5	1998	1188	20	47.47	0.5
12-20/66	SE	B	5200951992	12.5	1980	1188	20	47.04	0.5
12/25 Q	SE	A	5200951994	12.5	2000	1200	20	48	0.5

White Tissue Backing	Edge Profiles		Product Code	Thickness (mm)	Length (mm)	Width (mm)	Qty Per Pallet	m² Per Pallet	Weight Tonnes*
8-15-20 SUPER	SE	D	5200951919	12.5	1960	1204	20	47.2	0.5
8/18	SE	D	5200951922	12.5	1998	1188	20	47.47	0.5
8/18 Q	SE	D	5200951924	12.5	1998	1188	20	47.47	0.5
12-20/66	SE	D	5200951995	12.5	1980	1188	20	47.04	0.5
12/25 Q	SE	D	5200951996	12.5	2000	1200	20	48	0.5

All items marked A are ex stock
All items marked B are available up to 10 working days from receipt of order
All items marked C are available up to 15 working days from receipt of order
All items marked D are available to order; may be subject to a MOQ – please contact Customer Services
*All weights are indicative only and may vary.

Rigitone® Edge Access Hatches*		Product Code	Width (mm)	Qty Per Pallet	m² Per Pallet	Weight Per Pallet (t)*
8-15-20 SUPER Access Hatch	A	5200953644	500	500	52	13
8/18 Access Hatch Black Tissue	A	5200953643	600	600	42	15.12
12-20/66 Access Hatch Black Tissue	A	5200953647	500	500	52	13
12-25 Q Access Hatch Black Tissue	A	5200953649	500	500	52	13

*All Rigitone®Edge Access Hatches come with the relevant board pattern and a frame, with the exception of the Rigitone®Edge 8-15-20 Super Access Hatch which comes only with the frame, board cut-out to be incorporated.

Rigitone® Edge Accessories		Product Code	Size	Length (mm)	Qty Per Box	Qty Per Carton
Rigitone® Edge Screws	A	5200953491		25	1500	8
Rigitone® Edge ReadyMix Jointing Material (ready mixed joint filler)	A	5200953489	600 ml			
Rigitone® Edge Jointing Kit	A	5200953481				
Rigitone® Edge Lutèce Prime	B	5200955401	5 L			

Gyprox Tiles

SATINSPAR (Pallet quantities only)	Edge Profiles		Product Code	Thickness (mm)	Length (mm)	Width (mm)	Qty Per Pallet	m² Per Pallet	Weight Tonnes*
SATINSPAR White	A	A	5200005006	8	600	600	200	72	0.5
SATINSPAR White	A	B	5200005005	8	1200	600	100	72	0.5
SATINSPAR Black	A		5200027581	8	600	600	100	36	0.2

BIO	Edge Profiles		Product Code	Thickness (mm)	Length (mm)	Width (mm)	Qty Per Pallet	m² Per Pallet	Weight Tonnes*
BIO	A	C	5200005038	8	600	600	100	36	0.3
	A		5200027555	8	1200	600	50	36	0.3

All items marked A are ex stock
All items marked B are available up to 10 working days from receipt of order
All items marked C are available up to 15 working days from receipt of order
All items marked D are available to order; may be subject to a MOQ – please contact Customer Services
*All weights are indicative only and may vary.

Our support team

For further information, product details or queries, contact your Regional Specifications Sales Manager or visit www.gyproc.ie

Head of Specification Sales - National

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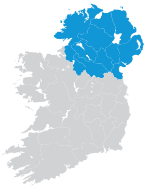

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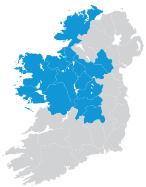

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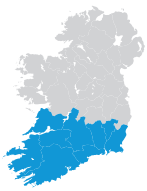

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