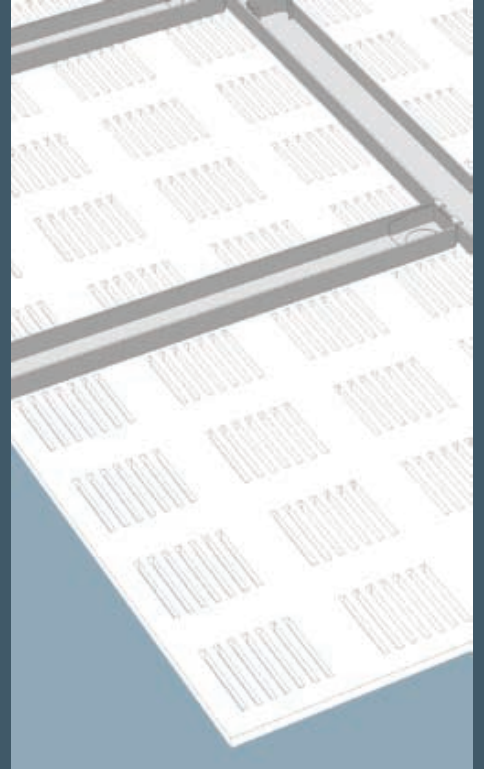


Edges and fixing systems  
Gyptone ceilings  
3.3.4 Edge B1 and B1 Bend

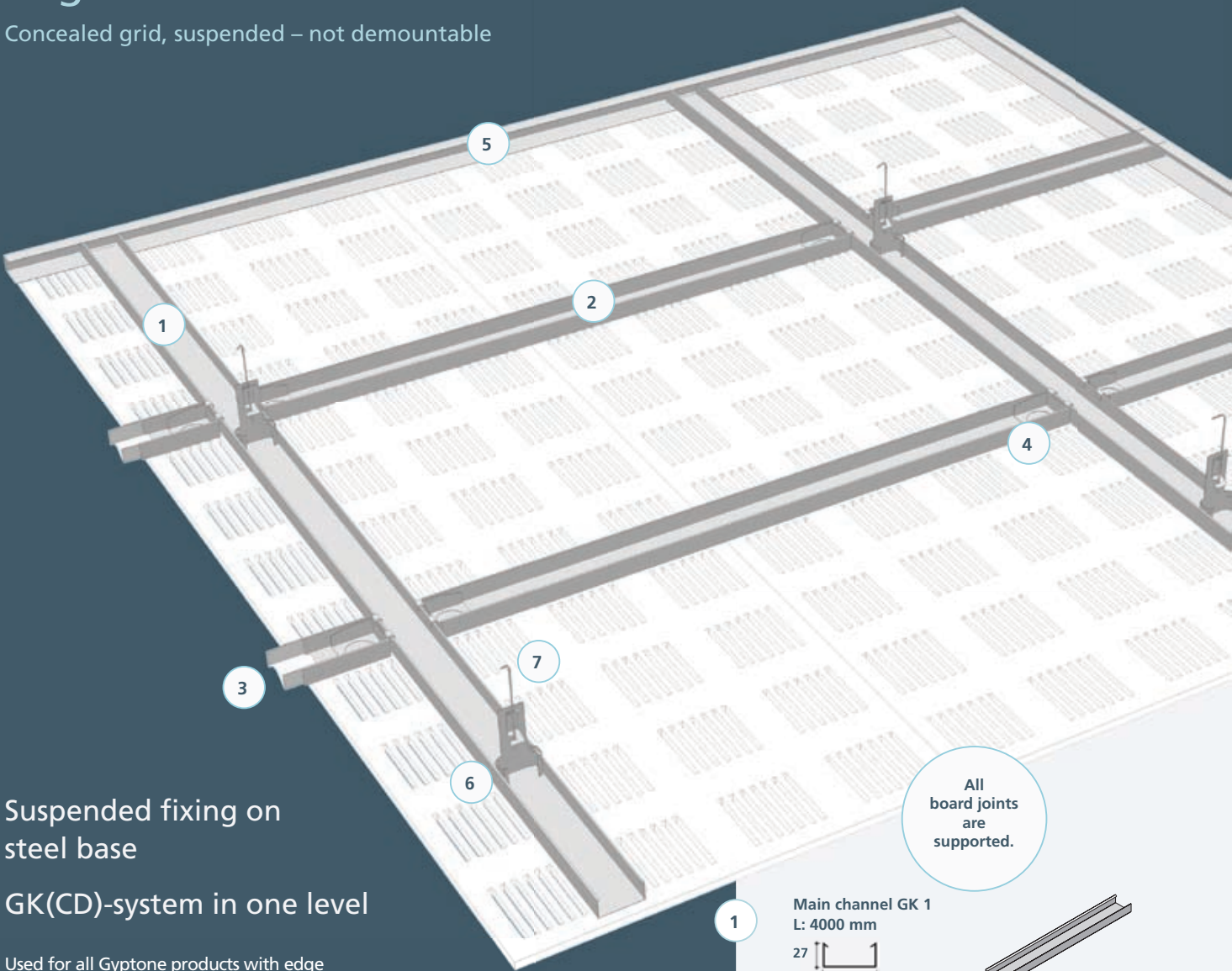


**Gyptone®**

Reflecting everyday life

# Edge B1

Concealed grid, suspended – not demountable



## Suspended fixing on steel base

### GK(CD)-system in one level

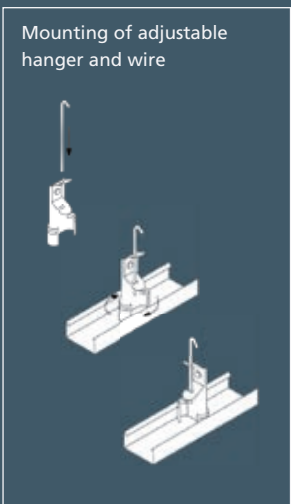
Used for all Gyptone products with edge type B1.

Gyptone BIG boards edge type B1 with tapered edges on all four sides are screwed to steel battens. Timber battens are used directly under the existing construction.

Fixing to steel sections can be done either directly or via hangers. The boards are filled and painted after fixing and are not demountable.

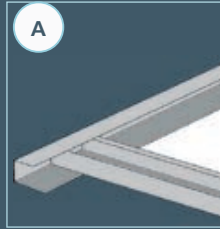
## Loading

The boards normally withstand moderate point loading (<3 kg). For higher loads, or if there is a risk of heat transfer to the connections, fixing should be done to sections behind or via a transom to a primary section. Alternatively, the load should be suspended separately.



All board joints are supported.

- 1** Main channel GK 1  
L: 4000 mm
  - 2** Cross channel GK 2  
L: 1135 mm
  - 3** Connector GK 20
  - 4** Jointing plate GK 21
  - 5** Perimeter channel GK-C  
L: 3000 mm
  - 6** Adjustable hangers GK 26-01
  - 7** Suspension wire for hangers GK 150 - 1500  
L: 150 - 1500 mm
- Gyproc QUICK™ screw range**
- Type QPB 13**  
Joining of steel sections and fastening of steel strips
  - Type QSTR 25**  
Fixing of Gyptone edge type B1 to steel base

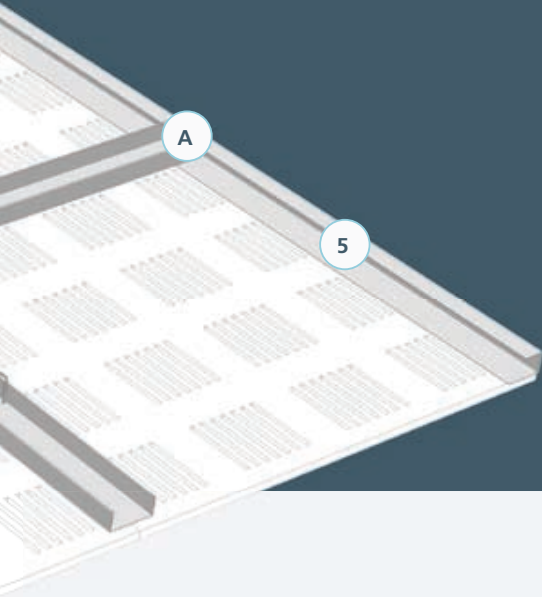


## Fastening to wall

Wall angles are attached using screws suitable for the material behind and at cc 300 mm.

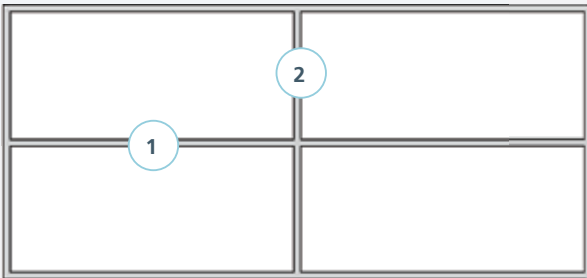
## Colours

Boards with edge type B1 are supplied unpainted. Painting is done at the building site after completed filling. The boards are painted with a roller. The boards must not be spray-painted as this significantly impairs sound absorption.

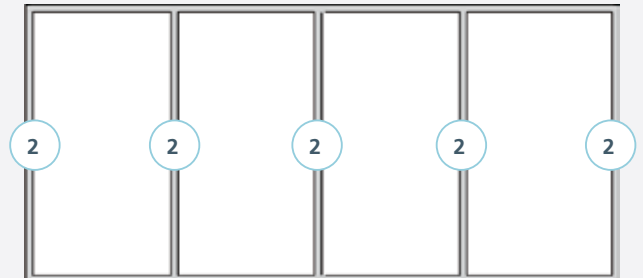


## Product and grid system

All Gyptone products with edge type B1 fit primary / secondary grid systems and the GK system.



Longitudinal fixing cc 600 / 1200 mm.



Transverse fixing cc 600 / 1200 mm.

## Guide to material usage, suspended fixing of GK(CD)-system

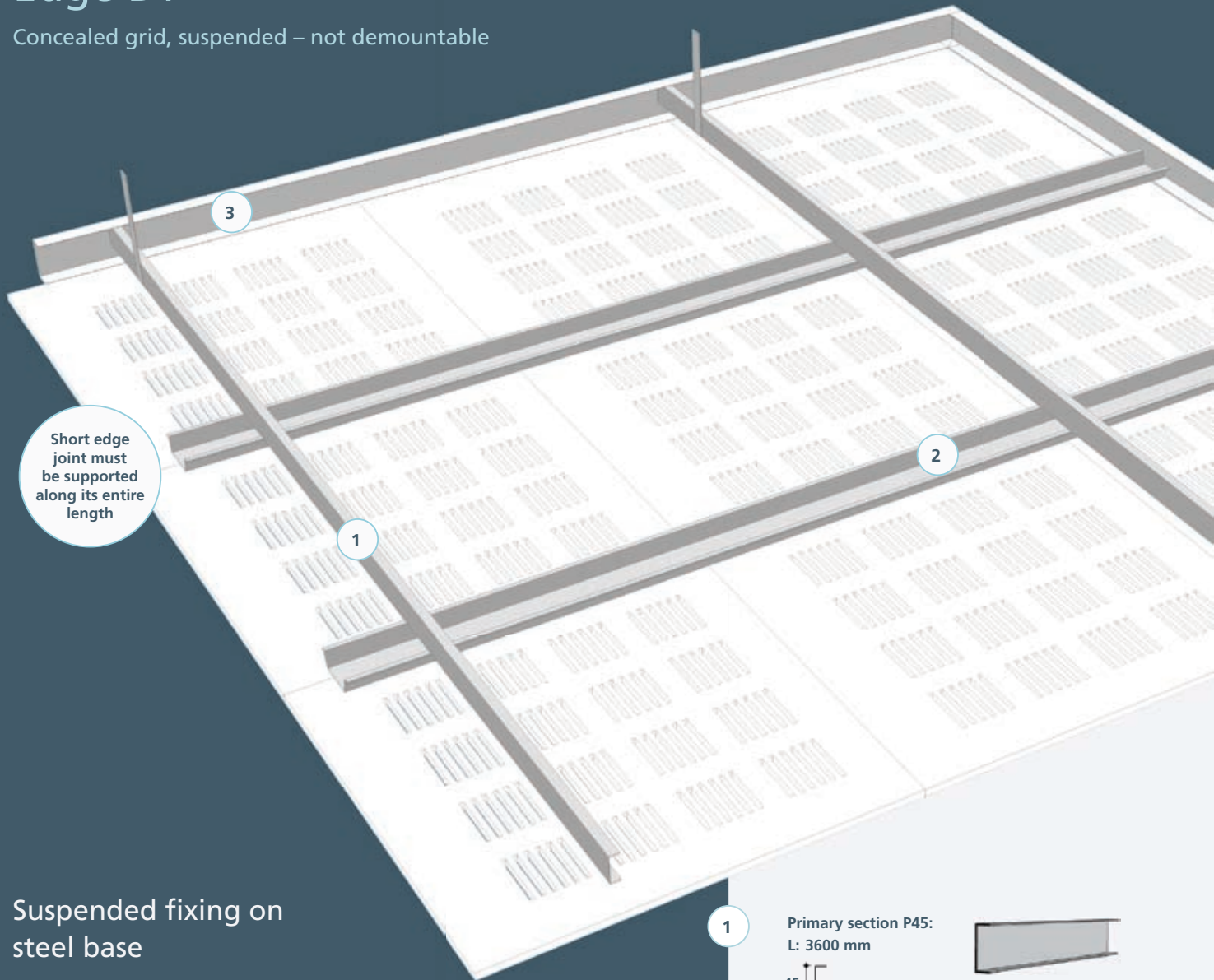
Item	Term	Dimen- sion mm	Length mm	Cc mm	Usage/m <sup>2</sup>	
1	Main channel	GK(CD) 1	27 x 60	4000	1200	0.9 m
2	Cross channel	GK(CD) 2	27 x 60	1135	600*	1.7 m
3	Connector	GK(CD) 20	-	-	4000	0.2 pieces
4	Jointing plate	GK(CD) 21	-	-	600	2.8 pieces
5	Perimeter channel	GK(CD)-C	28 x 47	3000	-	According to measurement
6	Adjustable hanger	GK(CD) 26-01	-	-	900	1.0 piece
7	Wire for hanger	GK(CD) 150 etc.	-	-	900	1.0 piece

More information can be found on [www.gyptone.com](http://www.gyptone.com)

\* If there is a risk of sagging in for e.g. damp environments a c/c distance of max. 400 mm is recommended.

# Edge B1

Concealed grid, suspended – not demountable



## Suspended fixing on steel base

### Primary / secondary system

Gyptone Big boards with edge type B1 tapered edges on all four sides are screwed to steel sections. Timber battens must be used directly under the existing construction.

Fixing to steel sections can be done either directly or via hangers. The boards are filled and painted after fixing and are not demountable.

## Loading

The boards normally withstand moderate point loading (<3 kg). For higher loads, or if there is a risk of heat transfer to the connections, fixing should be done to sections behind or via a transom to a primary section. Alternatively, the load should be suspended separately.

1

Primary section P45:  
L: 3600 mm



2

Secondary section  
S25/85

L: 3800 mm



3

Steel strip



4

Perimeter channel  
SK70

L: 2500 mm



Gyproc QUICK™ screw range

Type QPB 13

Joining of steel sections and  
fastening of steel strips



Type QSTR 25

Fixing of Gyptone edge  
type1 B to steel base

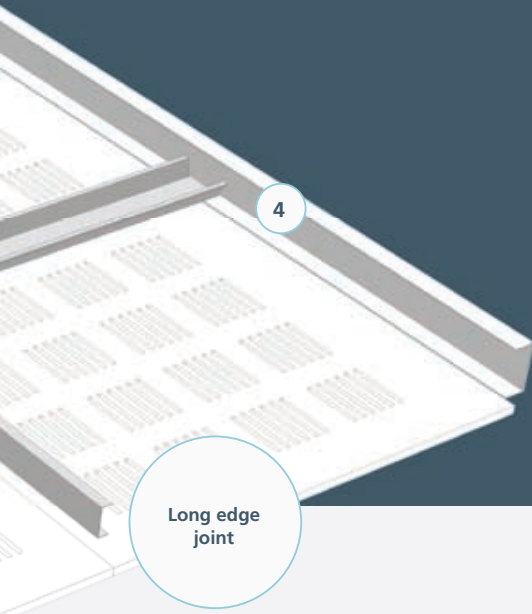


## Fastening to wall

Wall angles are attached using screws suitable for the material behind and at cc 300 mm.

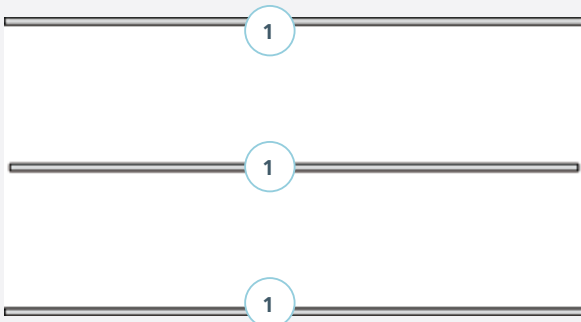
## Colours

Boards with edge type B1 are supplied unpainted. Painting is done at the building site after completed filling. The tiles are painted with a roller. The tiles must not be spray-painted as this significantly impairs sound absorption.

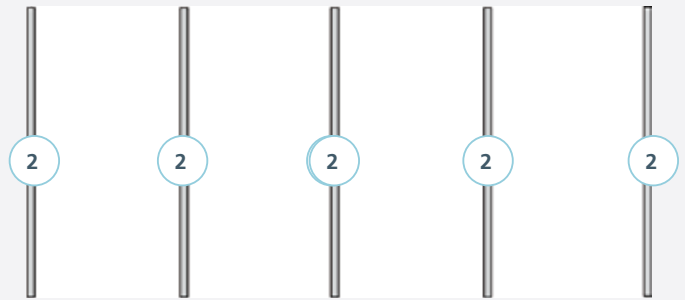


## Product and grid system

All Gyptone products with edge type B1 fit primary / secondary grid systems and the GK system.



Longitudinal fixing cc 600 mm.



Transverse fixing cc 600 mm.

## Guide to material usage, suspended fixing of primary / secondary system

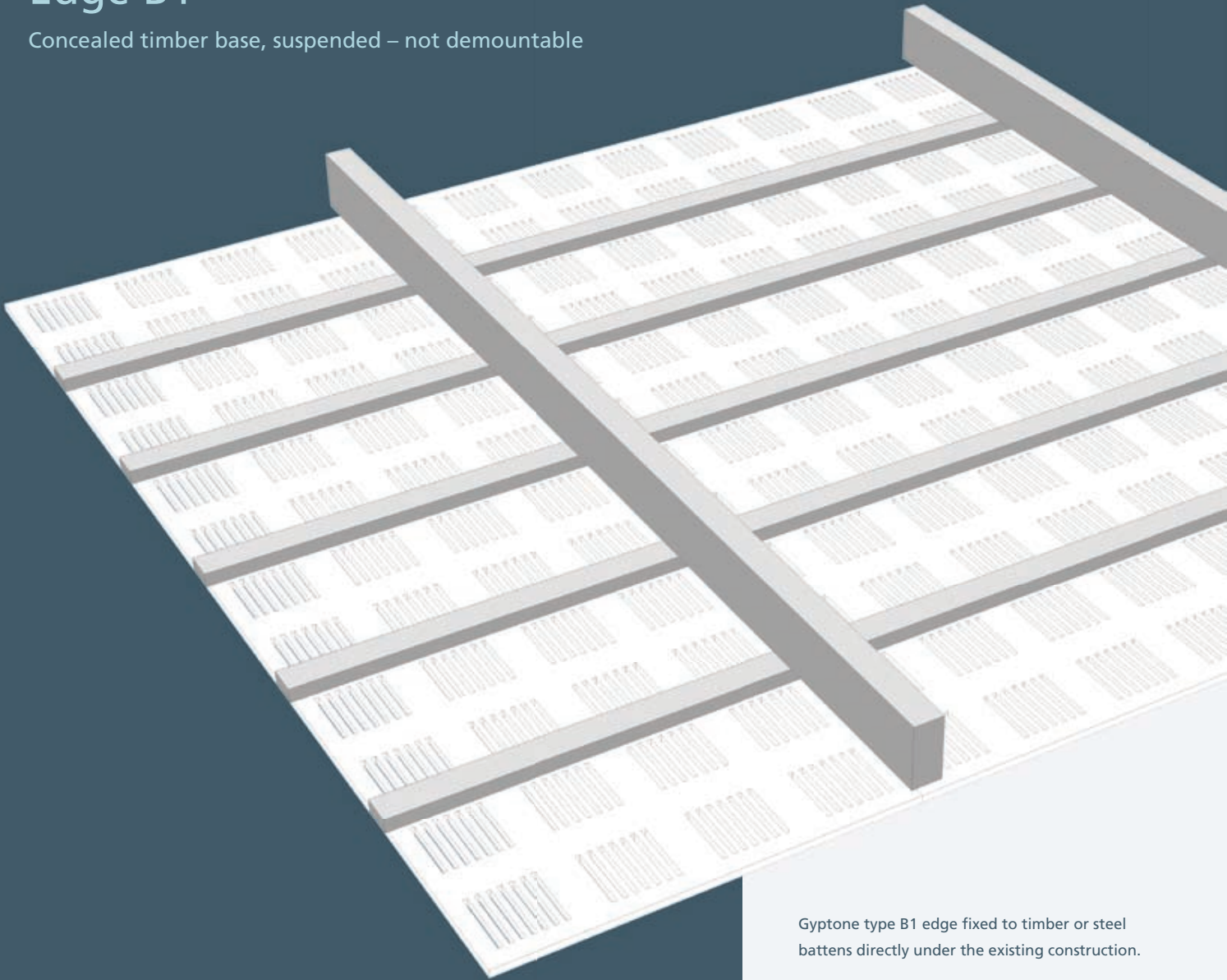
Item	Term	Dimension	Length mm	cc mm	Usage/m <sup>2</sup>	
1	Primary section	P45	45 x 15	3600	1200	0.9 m
2	Secondary section	S 25/85	85 x 25	3800	600*	1.7 m
4	Perimeter channel	SK 70	70 x 30	2500	-	According to measurement

More information can be found on [www.gyptone.com](http://www.gyptone.com)

\* If there is a risk of sagging in for e.g. damp environments a c/c distance of max. 400 mm is recommended.

# Edge B1

Concealed timber base, suspended – not demountable



Gyptone type B1 edge fixed to timber or steel battens directly under the existing construction.

## Direct fixing to timber or steel battens

Gyptone BIG boards with edge type B1 tapered edges on all four sides are screwed onto timber battens. Timber battens must be used directly under the existing construction.

## Loading

The boards normally withstand moderate point loading (<3 kg). For higher loads, or if there is a risk of heat transfer to the connections, fixing should be done to sections behind or via a transom to a primary section. Alternatively, the load should be suspended separately.

Gyproc QUICK™ screw range

Type QSTR 35  
Fixing of Gyptone edge B1 on timber base



## Fastening to wall

Wall angles are attached using screws suitable for the material behind and at cc 300 mm.

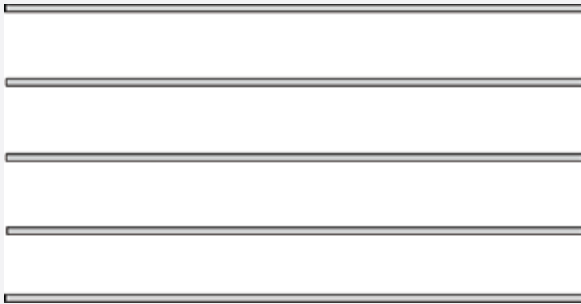
## Colours

Tiles with edge type B1 are supplied unpainted. Painting is done at the building site after completed filling. The tiles are painted with a roller. The tiles must not be spray-painted as this significantly impairs sound absorption.

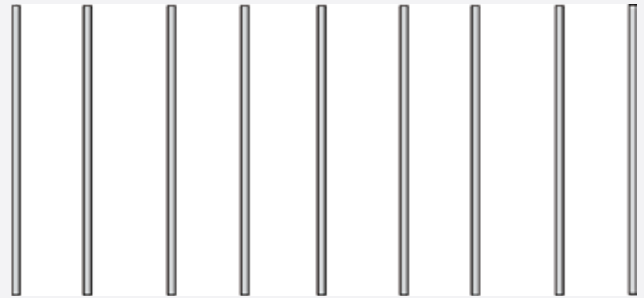


## Product and grid system

All Gyptone products with edge type B1 fit primary / secondary grid systems and the GK system.



Longitudinal fixing cc 300 mm.



Transverse fixing cc 300 mm.

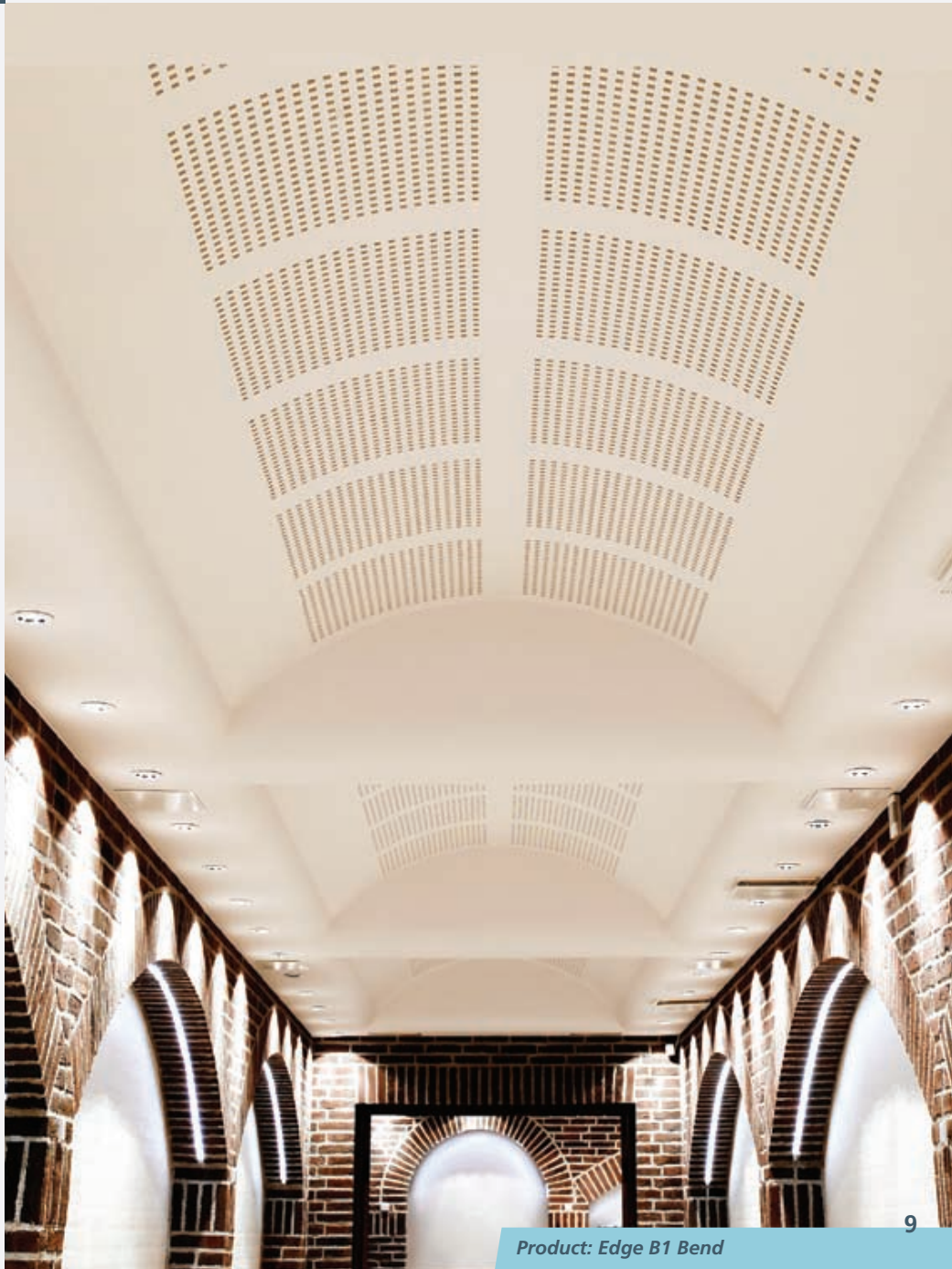
Minimum dimensions of battens is 22 x 45 mm. Against smooth and hard materials, for e.g. concrete and plaster, a thickness of at least 45 mm is recommended together

with mineral wool to achieve better sound absorption. Short edges must be supported along their entire length.

	Longitudinal fixing of boards	Transverse fixing of boards
Distance between battens mm	300	300

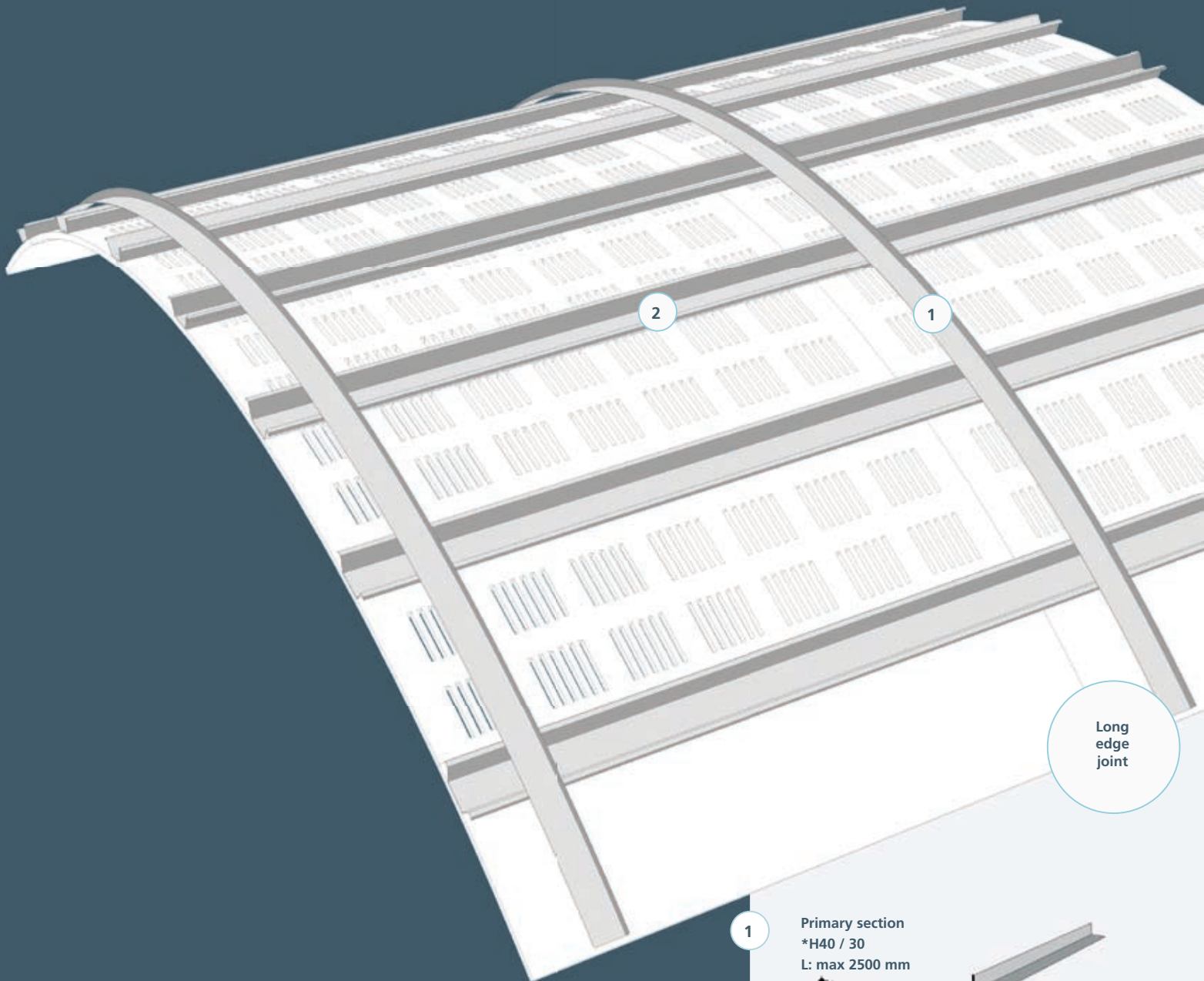
More information can be found on [www.gyptone.com](http://www.gyptone.com)





# Edge B1 Bend

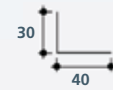
Concealed grid, suspended – not demountable



Long edge joint

1

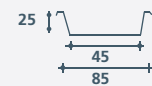
Primary section  
\*H40 / 30  
L: max 2500 mm



\*Rolled in radius to order

2

Secondary section  
S25 / 85  
L: 3800 mm



## Direct fixing on pre-curved steel base

Gyptone Bend edge type B1 is screwed into a curved steel structure.

The boards are filled and painted at the building site. The boards are not demountable.

Gyproc QUICK™ screw range

Type QS 25  
Fixing of Gyptone edge B1  
Bend to steel base



## Fixing

The curved (concave or convex) primary sections are fastened to the structure behind them. Separate hangers can be used when required. Secondary sections are screwed into the primary sections and the plaster-boards are fixed across the secondary sections. The boards are only 6.5 mm thick and can therefore be bent when dry. The smallest radius for dry bending is 1200 mm.

## Colours

Boards with edge type B1 are supplied unpainted. Painting is done at the building site after completed plastering. The tiles are painted with a roller. The tiles must not be spray-painted as this significantly impairs sound absorption.

## Guide to material usage

Item	Term	Dimension mm	Length mm	cc mm	Usage /m <sup>2</sup>	
1	Primary section	H 40 x 30	40 x 30	max. 2500	1200	0.85 pieces / length m
2	Secondary section	S 25/85	85 x 25	3800	300	0.35 pieces / arch length m

More information can be found on [www.gyptone.com](http://www.gyptone.com)

# www.gyptone.com

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