

## Products - Ceilings



This section includes updated information, added since it was first published in July 2009. Please see the WHITE BOOK update document for details.  
**Last updated 05/07/2010**



Copenhagen airport

## Ceiling products

## British Gypsum ceiling products

British Gypsum's versatile range of ceiling systems combines aesthetic and acoustic performance with the unique environmental properties of gypsum.

The British Gypsum ceiling range includes lay-in grid tiles, planks and seamless boarded solutions, providing the following benefits:

- High acoustic performance across all frequencies.
- Aesthetics.
- Durability and low maintenance.
- SpecSure® lifetime warranty.
- High humidity tolerance.
- Optimum hygiene and cleanliness.
- Reaction to fire performance up to Class 0, A2-s1, d0.

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## Rigitone boards

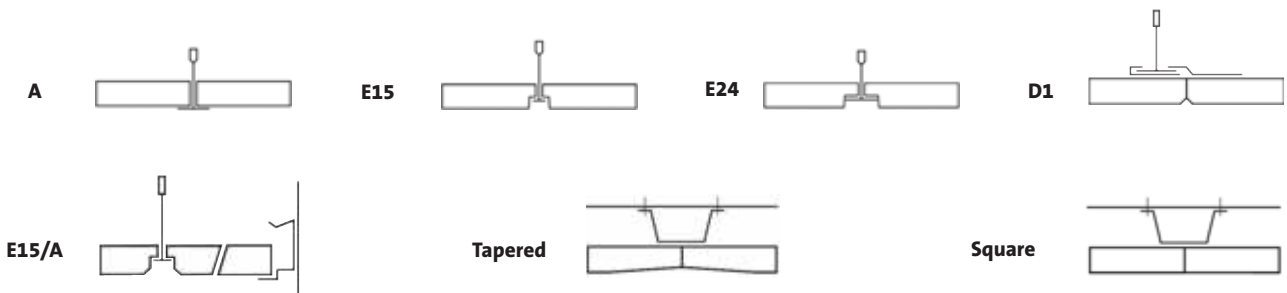
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## Ceiling products

## Edge details

British Gypsum's ceiling systems create a new flexibility in design and construction. The wide range of products give fresh and creative freedom for interior designers, enabling them to fully realise the visual and acoustic ambience of their designs. The products are available in seven edge profiles as shown below:



## Casoline GRID reference codes and abbreviations

CLT15P01			
CL = Casoline	T = T section	15 = Dimension (mm)	P01 = Plank size

## Gyprex

Gyprex vinyl faced ceiling tiles have been specially developed to provide the ideal solution for environments where hygiene and cleanliness are essential.

## SATINSPAR

Attractive smooth satin finish.

## BIO

Smooth white tile with integral biocide within the vinyl preventing the growth of fungi and bacteria, including MRSA, E.Coli 0.57 and Salmonella.

Edge detail	Nominal size mm	Weight kg/m <sup>2</sup>
A	600 x 600 x 8	6.9
A	1200 x 600 x 8	6.9
A	600 x 600 x 8	6.9

## Technical performance

- Acoustic performance
  - $D_{ncw}$  up to 37 dB
- Class 0 / Euroclass B-s1, d0
- Relative humidity 90%
- Biocide version
- Wipe-clean finish
- Thin and lightweight
- Easy to install
- Ideal solutions for HTM 08-01 and HTM 60



Ceiling products

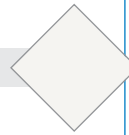
Casoprano

An adaptable range of pre-finished white lay-in grid acoustic ceiling tiles available in a choice of smooth, textured or perforated finishes, making them ideal for a variety of different aesthetic and acoustic requirements.

Casoprano is the only range to offer both sound absorbing and sound reflecting tiles with an identical visual appearance. Creating the ideal speech clarity solution is no longer a question of mixing solid (reflecting) and perforated (absorbing) tiles. Casoprano allows you to keep the desired aesthetic throughout and still achieve the required speech clarity, an important consideration for many environments, such as lecture theatres and classrooms. RAL colour reference: 9016

**ROC**

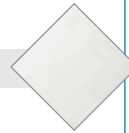
Smooth white tile, suitable for a wide range of buildings and achieves high levels of sound insulation.



Edge detail	Nominal size mm	Weight kg/m <sup>2</sup>
A	600 x 600 x 8	6.9
E24	600 x 600 x 9.5	7.9

**BIANCA**

Fine granulated textured tile giving high levels of sound insulation.



A	600 x 600 x 8	6.9
E24	600 x 600 x 9.5	7.9

**STAR**

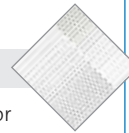
Lightly pinned surface pattern, giving an attractive yet subtle appearance with high levels of sound insulation.



A	600 x 600 x 8	6.9
E24	600 x 600 x 9.5	7.9

**NOVA**

Graduated pattern, perforated with special acoustic tissue backing to give superior sound absorption.



A	600 x 600 x 8	6.5
E24	600 x 600 x 9.5	7.2

**VOICE**

Fissured pattern, perforated with special acoustic tissue backing to give superior sound absorption, used in conjunction with **FORTE** to give high levels of speech clarity.



E24	600 x 600 x 9.5	7.2
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**FORTE**

Fissured, sound insulating tile used in conjunction with **VOICE** to achieve high levels of speech clarity.



A	600 x 600 x 8	6.9
E24	600 x 600 x 9.5	7.9

**Technical performance**

- Acoustic performance
  - $\alpha_w$  up to 0.60
  - NRC up to 0.65
  - $D_{ncw}$  up to 47 dB
  - Class C and D absorbers
- Class 0 / Euroclass A2-s1, d0
- Relative humidity 90%
- Can be repainted

## Ceiling products

## Gyptone boards

A choice of seven perforated and non-perforated designs, coupled with an integral sound absorbent tissue backing make Gyptone acoustic ceiling boards the natural choice for creating the ideal acoustic ceiling system.

**QUATTRO 41**

Achieves high levels of sound absorption, classified as a Class C absorber satisfying Building Regulations Approved Document E. Perforated area 16%.

**QUATTRO 45**

Achieves high levels of sound absorption, classified as a Class C absorber satisfying Building Regulations Approved Document E. Perforated area 17%.

**QUATTRO 46**

Comprises a perforated area of 10%, giving a good level of sound absorption performance.

**QUATTRO 47**

Comprises a perforated area of 6%, giving a good level of sound absorption performance.

**BASE Curve**

Used in conjunction with **LINE 7 Curve**

**LINE 7 Curve**

A versatile board capable of being dry curved to a minimum radius of 1200mm. Perforated area 14%.

**LINE 6**

Comprises a perforated area of 13%, giving a good level of sound absorption performance.

Edge detail	Nominal size mm	Weight kg/m <sup>2</sup>
Tapered	2400 x 1200 x 12.5	8
Tapered	2400 x 900 x 12	8
Tapered	2400 x 1200 x 12.5	8
Tapered	2400 x 1200 x 12.5	8
Tapered	2400 x 900 x 6.5	6
Tapered	2400 x 900 x 6.5	5
Tapered	2400 x 1200 x 12.5	8

**Technical performance**

- Acoustic performance
  - $\alpha_w$  up to 0.75
  - NRC up to 0.75
  - $D_{ncw}$  up to 39 dB
  - Class C and D absorbers
- Class 0 / Euroclass A2-s1, d0
- Relative humidity 70%
- Ideal solution to Building Regulations Approved Document E and BB93
- Monolithic appearance
- Ceiling or wall lining
- Can be painted



Always use genuine branded British Gypsum components to qualify for SpecSure® lifetime warranty

Ceiling products

## Gyptone tiles and planks

A range of five attractive design types with an integral sound absorbent tissue backing make Gyptone suspended ceiling tiles and planks the natural choice for creating the ideal acoustic ceiling system. The range includes **BASE**, **SIXTO**, **LINE**, **POINT** and **QUATTRO**. Bespoke options for coloured tiles and planks are available to any NCS colour code. RAL colour reference: NCS 0500

### BASE 31

Pre-finished white un-perforated tile. Used in conjunction with **SIXTO**, **LINE**, **QUATTRO** and **POINT** tiles to create distinctive ceiling designs.

Edge detail	Nominal size mm	Weight kg/m <sup>2</sup>
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A	600 x 600 x 12.5	9
D1	600 x 600 x 12.5	9
E15	600 x 600 x 12.5	9

### BASE 33 Plank

Pre-finished white un-perforated plank. Used in conjunction with **LINE**, **QUATTRO** and **POINT** planks to create distinctive ceiling designs. Planks are ideal for use in corridor areas.

E15/A	1800 x 300 x 12.5	9
E15/A	2100 x 300 x 12.5	9

### LINE 4

Pre-finished white tile with line perforations, backed by special sound absorbent tissue. Achieves high levels of sound absorption from an 18% perforated area.

E15	600 x 600 x 12.5	8
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### LINE 8 Plank

Pre-finished white plank with line perforations, backed by special sound absorbent tissue. Achieves high levels of sound absorption from a 15% perforated area. Planks are ideal for use in corridor areas.

E15/A	1800 x 300 x 12.5	8
E15/A	2100 x 300 x 12.5	8

### POINT 11

Pre-finished white tile with round perforations, backed by special sound absorbent tissue. Achieves high levels of sound absorption from a 12% perforated area.

E15	600 x 600 x 12.5	8
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### POINT 12

Pre-finished white tile with round perforations, backed by special sound absorbent tissue. Used in conjunction with **POINT 11** tiles, the unperforated area allows the installation of services, such as lights, into the ceiling. Perforated area 5%.

E15	600 x 600 x 12.5	8
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### POINT 15 Plank

Pre-finished white tile with round perforations, backed by special sound absorbent tissue. Suitable for use in corridors to provide sound absorption from the 11% perforated area.

E15/A	1800 x 300 x 12.5	8
E15/A	2100 x 300 x 12.5	8

### QUATTRO 20

Pre-finished white tile with square perforations, backed by special sound absorbent tissue. A perforated area of 18% provides high levels of sound absorption.

D1	600 x 600 x 12.5	8
E15	600 x 600 x 12.5	8

### QUATTRO 22

Pre-finished white tile with square perforations, backed by special sound absorbent tissue. Used in conjunction with **QUATTRO 20** tiles, the unperforated area allows the installation of services, such as lights, into the ceiling. Perforated area 9%.

D1	600 x 600 x 12.5	8
E15	600 x 600 x 12.5	8



## Ceiling products

## Gyptone tiles and planks (continued)

**QUATTRO 55 Plank**

Pre-finished white plank with square perforations, backed by special sound absorbent tissue. Suitable for use in corridors to provide sound absorption from a 15% perforated area.

**SIXTO**

Pre-finished white tile with hexagonal perforations, backed by special sound absorbent tissue. Up to Class B sound absorption from a 17% open area.

Edge detail	Nominal size mm	Weight kg/m <sup>2</sup>
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E15/A	1800 x 300 x 12.5	8
E15/A	2100 x 300 x 12.5	8

E15	600 x 600 x 12.5	8
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**Technical performance**

- Acoustic performance
  - $\alpha_w$  up to 0.85
  - NRC up to 0.80
  - $D_{ncw}$  up to 39 dB
  - Class B, C and D absorbers
- Class 0 / Euroclass A2-s1, d0
- Relative humidity 70%
- Ideal solution to Building Regulations Approved Document E
- Removable for easy access
- Can be repainted

**CasoLine GRID - ceiling components<sup>1</sup>**

Pack size - number of items	mm
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Lay-in butt-cut grid system with white exposed flanges, for use with Gyptone D1 edge tiles and Gyptone planks. All components conform to EN 13964. RAL colour reference: 9010

**CLT2401 Main 'T'**

For Gyptone D1 edge tiles.



3600

**CLT24D101 Cross 'T'**

For Gyptone D1 edge tiles.



600

**CLT15P01 Main 'T'**

For 1800mm Gyptone planks.



1830

**CLT15P02 Main 'T'**

For 2100mm Gyptone planks.



2130

**CLWA01 Wall Angle**

3000

**CLSM04 Shadowline Moulding**

Shadowline Moulding for Gyptone planks.



3000

**CLC02 Wall Spring Clip**

For Gyptone D1 edge tiles.



100

-

**CLC03 Perimeter Clip**

For E15 edge tiles.



100

-

**E15 Casoprano Spacer Block**

100

-

**E24 Casoprano Spacer Block**

100

-

<sup>1</sup> For further information of reference codes and abbreviations, refer to page 548.



Always use genuine branded British Gypsum components to qualify for SpecSure® lifetime warranty

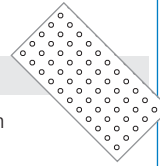
Ceiling products

Rigitone boards

Rigitone is a range of distinctive acoustic ceiling boards. With six individual patterns available, including regular and random design options, Rigitone acoustic ceilings offer the perfect combination of acoustic performance and creativity.

**8/18**

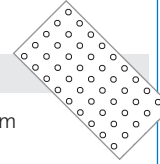
Capable of achieving NRC up to 0.85, with regular 8mm perforations at 18mm centres giving a perforated area of 15.5%.



Edge detail	Nominal size mm	Weight kg/m <sup>2</sup>
Square	1998 x 1188 x 12.5	10

**10/23**

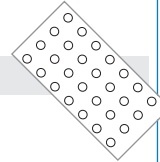
Capable of achieving NRC up to 0.85, with regular 10mm perforations at 23mm centres giving a perforated area of 15%.



Square	2001 x 1196 x 12.5	10
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**15/30**

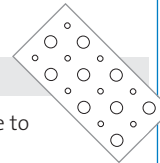
Gives high levels of sound absorption with NRC up to 0.85, from the 15mm perforations at 30mm centres. Giving a perforated area of 19.6%.



Square	2010 x 1200 x 12.5	9.5
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**12-20/66**

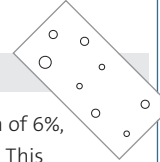
A regular pattern of 12mm and 20mm perforations at 66mm centres combine to give an NRC of up to 0.90, and a perforated area of 20.2%.



Square	1980 x 1188 x 12.5	9.5
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**8-15-20**

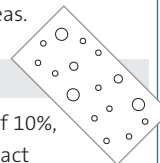
The random pattern of 8mm, 15mm and 20mm holes forms a perforated area of 6%, which gives sound absorption performance combined with impact resistance. This makes the board suitable for extreme environments, such as indoor sports areas.



Square	2000 x 1200 x 12.5	10
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**8-15-20 SUPER**

The random pattern of 8mm, 15mm and 20mm holes give a perforated area of 10%, which gives a high level of sound absorption performance combined with impact resistance making the board suitable for extreme environments, such as indoor sports areas.



Square	1960 x 1200 x 12.5	10
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**Technical performance**

- Acoustic performance
  - $\alpha_w$  up to 0.70 (LM)
  - NRC up to 0.90
  - Class C, D and E absorbers
- Class 0 / Euroclass A2-s1, d0
- Relative humidity 70%
- Ideal solution to Building Regulations Approved Document E
- Rigitone 8-15-20 SUPER product ideal for sports halls
- Monolithic appearance
- Can be painted

**NB** A special procedure is used for fixing and jointing Rigitone boards. Detailed installation notes are given in the current British Gypsum Ceilings Installation Guide, available to download from [www.british-gypsum.com](http://www.british-gypsum.com)



Always use genuine branded British Gypsum components to qualify for SpecSure® lifetime warranty