

Gyptone BASE 31

Product Data Sheet

Introduction

Gyptone BASE 31 is a gypsum ceiling tile used in conjunction with the CasoLine quick lock lay-in grid to form a demountable ceiling system. It can be used either as a standalone ceiling system, or combined with a Gyptone perforated tile to achieve a desired aesthetic design.

Product description

Gyptone BASE 31 comprises an unperforated 10mm gypsum core, available with either A edge or E15 edge types. As with all products in the Gyptone range, Gyptone BASE 31 is supplied with ACTIVair technology as standard, which absorbs and converts formaldehyde into non-harmful inert compounds.

Board Performance

Sound absorption

Gyptone BASE 31 is an unperforated ceiling system and is not intended to provide any level of sound absorption. Where there is a requirement for sound absorption as a means of achieving reverberation control, refer to Gyptone QUATTRO, POINT, SIXTO or LINE ceiling tiles.

ACTIVair technology

Though we don't notice them, impurities such as VOCs are often present in the air we breathe - emitted from furniture, carpets and building materials. Long-term exposure to these can potentially cause health problems and reduce general well-being. Clean air, on the other hand, can speed up patient recovery in hospitals, reduce absence at work, and increase pupils' concentration at school. ACTIVair is our latest technology designed specifically to convert formaldehyde, a common VOC, into non-harmful inert compounds, removing up to 70% of the formaldehyde concentration in the indoor air. This clever technology continues to work over 50 years, and whilst alternative solutions absorb formaldehyde, they don't decompose like ACTIVair risking re-emission at a later date.

Formaldehyde reduction is based on experimental data following ISO16000-23 standards from 0.4m² to 1.4m² installed/ m² room. Lifetime is based on a calculation assuming constant formaldehyde reduction with indoor formaldehyde concentration of 25µg/m³ for ceiling, drywall or combined drywall and ceiling configurations.

Declaration of Performance

Declaration of Performance is available for download from british-gypsum.com



Physical properties

Dimensions	600mm x 600mm
Thickness	10mm
Perforated area	0%
Edge type	A, E15
Colour	White NCS 500
Reaction to fire	A2-s1, d0
Weight (approx)	8 kg/m ²
Moisture resistance	Up to 70% RH

Application and installation

Handling and storage

Gyptone tiles should be stored flat on a level surface and protected from dampness. To avoid damage to the special acoustic tissue bonded to the back face, Gyptone tiles should not be pulled over the edges of the stack of boards below.

Jointing and finishing

Gyptone tiles can be cut to size on site using a standard blade. Where tegular edge tiles are cut, the edge can be easily reformed using a standard blade. Refer to the British Gypsum Ceilings Installation Guide for further details.

Fixtures

Gyptone tiles can support lightweight fixtures up to 3kg/m² without the need for additional pattering. Larger fixtures must be independently supported. Adjustment of the **CasoLine quick lock** grid may be required to support particularly heavy loads. Refer to the British Gypsum Ceilings Installation Guide for full details.

Environment

Gyptone tiles are unsuitable for use in areas subject to continuously damp or humid conditions above 70% RH, or in elevated temperatures consistently above 49°C. Where higher levels of moisture resistance are required, refer to the British Gypsum Eurocoustic range of ceiling tiles.

Recyclability

The gypsum core of Gyptone tiles is 100% recyclable. **CasoLine quick lock** grid and components are also 100% recyclable.

Date of previous version: first edition.

Product standards

All British Gypsum ceiling products are manufactured under management systems which have been independently audited and certified as conforming with *ISO 9001: 2001*. All Gyptone products conform to *EN 14190: 2014* Gypsum plasterboard from reprocessing - requirements and test methods.

Maintenance

Gyptone tiles can be repainted if required, using a short haired roller and suitable matt emulsion paint. The paint should not be applied with a spray diffuser as this will impair the acoustic performance.

Warranty

Gyptone **BASE 31** is covered by British Gypsum's SpecSure® lifetime system warranty. SpecSure® confirms British Gypsum systems will perform to the parameters published in our current literature for the period of time that the system is used for its originally designed purpose. Systems must be specified and installed in line with the current British Gypsum White Book, and comprise only genuine branded British Gypsum components.

"Gyproc", "Thistle", "Gypframe" and "Glasroc" are all registered trademarks of Saint-Gobain Construction Products UK Limited. "Isover" is a registered trademark of Saint-Gobain Isover and "Artex" is a registered trademark of Saint-Gobain Construction Products UK Limited.

Saint-Gobain Construction Products UK Limited is a limited company registered in England under company number 734396, having its registered office at Saint-Gobain House, Binley Business Park, Coventry, CV3 2TT, UK. Saint-Gobain Construction Products UK Limited trades as British Gypsum for part of its business activities.

British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: british-gypsum.com. For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

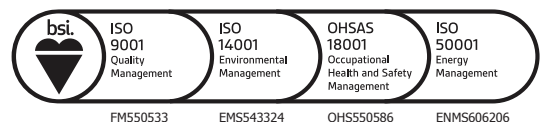
"British Gypsum" is a registered trademark of Saint-Gobain Construction Products UK Limited.

Telephone: **0115 945 6123**

Fax: **0115 945 1616**

Email: **bgtechnical.enquiries@bpb.com**

Training enquiries: **0844 561 8810**



© British Gypsum December 2016 PDS-423-01

british-gypsum.com

