

HYGIENIK G-GRID

TECHNICAL DATA SHEET

Limitations

Gyprex tiles are unsuitable for use in areas subject to continuously damp or humid conditions above 90% RH, or in elevated temperatures consistently above 49°C. They can be exposed to freezing temperatures without risk of damage.

Environmental

Gyprex tiles have been tested in accordance with BS 8290: Part 2 and are suitable for use under high humidity conditions - 90% RH at 25°C.

Standards

BS EN ISO 9002 (formerly BS 5750: Part 2). All British Gypsum ceiling products are manufactured under this quality assurance system, which is approved by the BSI.

BS 1230: Part 1: 1985 - Specification for plasterboard excluding materials submitted to secondary operations.

Products should be installed in accordance with relevant British Standards, in particular, reference should be made to BS 8290: 1991 - Suspended ceilings which is published in three parts:

Part 1 Code of Practice for Design

Part 2 Specification for performance of components and assemblies

Part 3 Code of Practice for installation and maintenance.

Handling and storage

British Gypsum fully accepts its responsibilities as a supplier of building materials and systems as required by Section 6 of the Health and Safety at Work Act 1974. However, in designing and installing systems incorporating British Gypsum products, full consideration must be taken of the legal requirements of:

1 Manual Handling Operations Regulations 1992.

1 Manual Handling Guidance on Regulations, ISBN 0 11 886335 5.

2 Managing Construction for Health and Safety ACOF, ISBN 0 7 7176 0792 5.

3 A Guide to Managing Health and Safety in Construction, ISBN 0 7176 0755 0.

4 Designing for Health and Safety in Construction, ISBN 0 7176 0807 7.

5 The Control of Substances Hazardous to Health in the Construction Industry, ISBN 0 11 885526 3.

Safety Data Sheets (giving safety, handling and storage details) are available on request. Contact British Gypsum Technical Advice Centre on 08705 456 123.

Performance substantiation

Product	PSR Number
ALABASTER	C10A020
SATINSPAR	C10A021

Light reflectance

ALABASTER - 85%, SATINSPAR - 89%.



Fire protection

- Class 0 rating when tested to BS 476: Parts 6 & 7
- Gyprex tiles in Casoline T24 grid tested to BS 476: Part 23: 1987, clause 5 Protection to loaded steel beams provides 30 minutes fire resistance.



Acoustic performance

Sound attenuation

Room to room sound insulation test carried out in accordance with BS EN 20140-9: 1994 and rated in accordance with BS EN ISO 717-1: 1987.

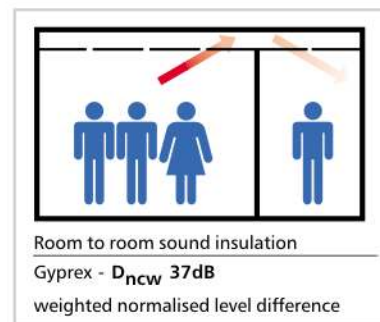
Water Vapour Control

Surfaces have water vapour resistance of at least 78MNs/g.

Sitework

Installation

Gyprex ceiling tiles are installed in Casoline T24 grid which allows for the



tiles to be de-mounted for access into the ceiling void. See specific literature for details.



Fixtures

The strength of Gyprex will support a point load of up to 3kg/tile for max 2mm deflection. Therefore this will normally allow spot lights and down-lighters etc to be installed without the need for a support pattress.

Maintenance

The vinyl surface of Gyprex can be cleaned using a damp cloth with water and a mild detergent.

Dimensions

Pattern	SATINSPAR	ALABASTER
Thickness mm	8	8
Nominal dimensions mm	600x600	600x600
Weight kg/m ²	6.2	6.2

Appearance

Supplied pre-finished white vinyl to the Cielab colourcoding system as follows:
ALABASTER - L95.9 a-1.4 b-0.3
SATINSPAR - L95.1 a-1.4 b+0.3
Square edge profile for use in Casoline T24 grid.

British Gypsum ceiling tiles are marked with a directional arrow on the reverse and should always be installed with this in alignment to ensure total consistency of pattern and shade in a production batch.