

# Gyprex SATINSPAR

## Product Data Sheet

### Introduction

Gyprex SATINSPAR is a vinyl-faced gypsum tile used with **CasoLine quick-lock** lay-in grid to form a demountable suspended ceiling. It has a smooth, wipeable, surface finish and is ideal for use in a range of commercial and residential ceiling applications.

### Product description

Gyprex SATINSPAR is a vinyl-faced gypsum tile used with **CasoLine quick-lock** lay-in grid to form a demountable suspended ceiling. It is available in either black or white, and in 600mm x 600mm or 1200mm x 600mm size formats. Gyprex SATINSPAR is ideal for use in areas where high moisture resistance, light reflectance or fire resistance are desired.

### Board performance

#### Fire resistance

Gyprex SATINSPAR provides 30 minute fire resistance to *BS 476: Part 23* when used in conjunction with **CasoLine quick-lock** grid and hangers and fully supported by **SpecSure®** lifetime system warranty.

#### Moisture resistance

Gyprex SATINSPAR is 80 times more water resistant than mineral fibre, greatly reducing the risk of unsightly staining. It is suitable for use in areas up to 90% relative humidity.

#### Durability

Gyprex SATINSPAR is a robust tile with greater resistance to scratches, dents and damage than equivalent non-gypsum based systems.

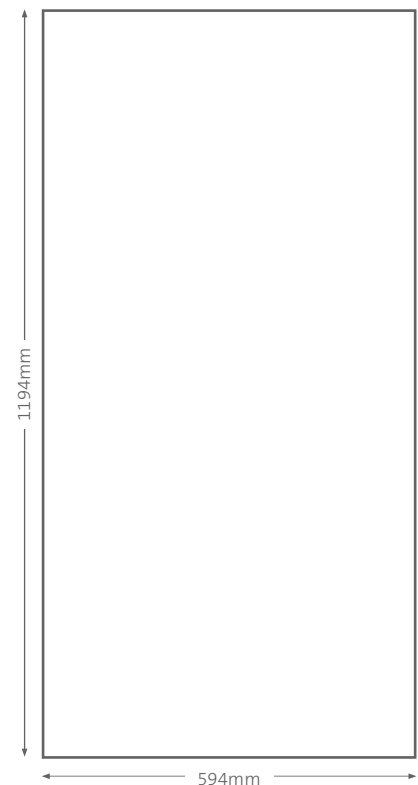
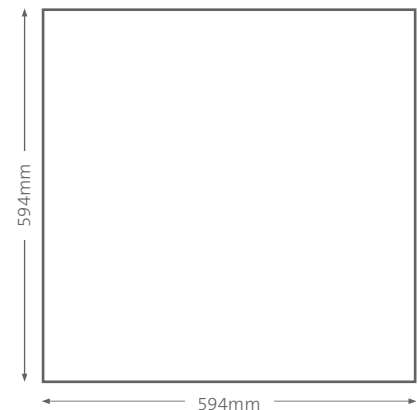
#### Physical properties

Tile size <sup>1</sup>	600mm x 600mm
	1200mm x 600mm
Thickness	8mm
Edge type	A Edge
Colour	White, Black
Finish	Smooth, unperforated satin finish
Mass	6.2 kg/m <sup>2</sup>

#### Product performance

Acoustic performance	$D_{n,w}$ up to 37 dB in accordance with <i>BS EN 20140-9: 1994</i> and rated in accordance with <i>BS EN ISO 717-1: 1987</i>
Light reflectance	88% (white only)
Reaction to fire	Class 0, Euroclass B-s1, d0
Fire resistance	30 minutes to <i>BS476 Part 23</i> when used with <b>CasoLine quick-lock</b> grid and hangers
Moisture resistance	Max 90% relative humidity
Temp resistance	Max 49°C continuous exposure
Water vapour resistance	45 MNs/g
Loading capability	Max 3kg per tile without patting, max 2mm deflection

<sup>1</sup> Gyprex tiles are designed for 600mm x 600mm or 1200mm x 600mm grid systems. Actual dimensions are 594mm x 594mm and 1194mm x 594mm (+2/-1mm tolerance).



# Application and installation

## 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.
2. Construction (Design and Management) Regulations.
3. Control of Substances Hazardous to Health Regulations (COSHH).

## Installation

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.

Gyprex SATINSPAR 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.

## Fixtures

The strength of Gyprex SATINSPAR ceiling tiles will support a point load of up to 3kg / tile for max. 2mm deflection. This will normally allow fittings such as spot lights or down-lighters to be installed without the need for a support pattress.

## Environment

Gyprex SATINSPAR ceiling 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.

Gyprex SATINSPAR ceiling 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.

## Recyclability

The gypsum core of Gyprex tiles is 100% recyclable. **Casoline QUICK-LOCK GRID** is also 100% recyclable.

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## Product standards

All British Gypsum ceiling products are manufactured under management systems which have been independently audited and certified as conforming with *ISO 9001: 2000*. Gyprex SATINSPAR conforms to *BS EN 14190: 2014* Gypsum plasterboard from reprocessing – definitions, requirements and test methods.

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## Maintenance

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

Date of previous version: February 2014.

