The Gyptone acoustic ceiling range is designed to improve room acoustics environment with optimized reverberation time and improved speech intelligibility in a given room, like schools, kindergartens, offices, retail and the health sector. Product with the Activ’Air technology will also improve the indoor air quality, by reducing the formaldehyde level.

The Gyptone BIG acoustic ceilings range allow you to create large ceiling surfaces without visible joints. Only the oblong, hexagonal or square perforations are visible. The surfaces are robust with high impact resistance.

The Gyptone ceilings are made from predominantly recycled gypsum and have very strong sustainability properties. Used Gyptone tiles can be completely recycled in the production of new gypsum products.

Acoustics

Practical absorption coefficient $\alpha_p$

The acoustic measurements meet the requirements of ISO 354.

The construction height specifies the distance between the undersides of the suspended ceiling and the existing floor/ceiling construction.

The sound absorption is affected by construction height and by any mineral wool installed behind the suspended ceiling.
Perforation size: 3 x 3 mm, cc 8.33 mm
Perforated area: 9 %

Product description
Gyptone BIG is a gypsum based acoustic ceiling. The Gyptone BIG are backed with an acoustic tissue.

Activ’Air technology (Improved air quality)
Gyptone Activ’Air is designed to decompose formaldehyde emissions from emitting building materials, paint, furniture, carpets etc., into non harmful inert compounds. Gyptone Activ’Air ceilings can reduce formaldehyde concentrations with up to 60 % *.

Fixing
Gyptone BIG is suitable for direct or suspended screw fixing and the system is not demountable.

Construction height
The smallest possible standard construction height with GK grid on one level is 145 mm including the board.

Surface
Gyptone BIG is supplied unpainted. The surface finish is done on site after jointing is completed. All 4 edges on the board are tapered for easy flat filling providing a smooth ceiling surface with no visible joins. Ceilings must be painted with a shorthaired roller. The boards must not be spraypainted, as this impairs sound absorption.

Fire
A2-s1, d0.

Dimensional stability
Gyptone BIG should be used in areas with a relative humidity which does not constantly exceed 70 %.

Dimensions
Modular size 1200 x 2400 mm.
Board thickness: 12.5 mm.

Weight
Approx. 8 kg/m².

Cleaning
Depends on the surface treatment.

Maintenance
Repainting must be done with a shorthaired roller. The boards must not be spraypainted, as this impairs sound absorption.

* The effectiveness of the Activ’Air technology has been tested by the accredited Eurofins laboratory. The test shows that Activ’Air decomposes up to 60 % of the formaldehyde in a controlled test environment.

Gyptone acoustic products are tested by Danish Indoor Climate Labelling and according to the French Health and Environmental Authority’s labelling scheme. Used acoustic ceiling products can be fully recycled into the production of new gypsum products.

Further information is available at www.gyptone.com

Gyproc A/S
Hareskovvej 12, 4400 Kalundborg
Tel. +45 59 57 03 30
e-mail: info@gyproc.com