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. With the use of the Activ’Air technology, Gyptone also improves the indoor air quality by reducing the formaldehyde level.

The Gyptone tile range includes 4 different perforation designs: Line, Sixto, Point, Quattro and Base without perforation, all with A, D2 or E15 edge.

Gyptone acoustic tiles are durable and have a strong surface which is easy to clean and maintain. The result is that a Gyptone tile will last for a lifetime.

Gyptone tiles are mainly made of recycled gypsum and have some very strong sustainability properties.

Used Gyptone tiles can be completely recycled in the production of new gypsum products.

### Acoustics

**Practical absorption coefficient αₚ**

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 tiles.
Gyptone Quattro 70 is based on a specialized perforated gypsum board combined with an acoustic tissue, which provides excellent acoustic properties.

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 Quattro 70 is suitable for all standard exposed and concealed grid systems.

Construction height
The smallest possible standard construction height is as follows:
Edge A + E15 (exposed grid) = 100 mm.
Edge D2 (concealed grid) = 150 mm

Surface
The Gyptone tiles is supplied prepainted. The paint used is color NCS 0500.

Fire
A2-s1, d0.

Design and technical data

Product description
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A2-s1, d0.

Maintenance
Repainting must be done with a short hair roller. The tiles must not be spray-painted, as this impairs sound absorption.

Dimensions
Modular sizes: 600 x 600
Thickness: 10 mm or 12.5 mm
Please see details in the diagram above.

Weight
Thickness 10 mm: Approx. 6.6 kg/m²
Thickness 12.5 mm: Approx. 8 kg/m²

Cleaning
Gyptone tiles can be cleaned with a damp cloth. Most standard cleaning agents can be used.

Further information is available at www.gyptone.com

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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.

Perforation size: 3 x 3 mm, cc 8,33 mm
Perforated area: 11 %

Subject to any typographical errors. We reserve the right to make changes in range and product technology without prior notice. August 2015.

*The effectiveness of the Activ’Air technology has been tested by the accredited Eurofins laboratory. The tests show that a Gyptone ceiling with Activ’ Air reduces up to 60 % of the formaldehyde in a controlled test environment.