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 ActivAir technology will also improve 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, D1, 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.

A big part of a Gyptone tiles are 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**

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 them.
Product description
Gyptone Point 12 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 Point 12 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 D1 (concealed grid) = 100 mm
Edge D2 (concealed grid) = 150 mm

Surface
The Gyptone Point 12 is supplied prepainted. The paint used is color NCS 0500.

Fire
A2-s1, d0.

* 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.

Design and technical data

<table>
<thead>
<tr>
<th>Edges</th>
<th>Modular size (mm)</th>
<th>Thickness (mm)</th>
<th>Grids</th>
<th>Fixing/surface treatment</th>
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</thead>
<tbody>
<tr>
<td>Edge A</td>
<td>600 x 600 (actual size 594x594)</td>
<td>10.0</td>
<td>Exposed T-15 grid, Exposed T-24 grid</td>
<td>Demountable/Pre-painted</td>
</tr>
<tr>
<td>Edge D1*</td>
<td>600 x 600</td>
<td>12.5</td>
<td>Concealed T-24 grid</td>
<td>Demountable/Pre-painted</td>
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<tr>
<td>Edge D2</td>
<td>600 x 600</td>
<td>12.5</td>
<td>Concealed T-24 grid</td>
<td>Demountable/Pre-painted</td>
</tr>
<tr>
<td>Edge E15</td>
<td>600 x 600 (actual size 592x592)</td>
<td>10.0</td>
<td>Exposed, recessed T-15 grid</td>
<td>Demountable/Pre-painted</td>
</tr>
</tbody>
</table>

* Edge D1 will be phased out after the introduction of Edge D2.

Gloss and light reflection
Gloss value 5-9 according to ISO 2813. Light reflection approx. 70 % with standard paint finish.

Dimensional stability
Gyptone tiles should be installed and used in areas with a relative humidity not exceeding 70 % for prolonged periods.

Dimensions
Modular sizes: 600 x 600, 600 x 1200
Thickness: 10 mm or 12.5 mm

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

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

Perforation size: Dia. 6.5 mm, cc 15 mm
Perforated area: 5 %

Edges Modular size (mm) Thickness (mm) Grids Fixing/surface treatment
Edge A 600 x 600 (actual size 594x594) 10.0 Exposed T-15 grid, Exposed T-24 grid Demountable/Pre-painted
Edge D1* 600 x 600 12.5 Concealed T-24 grid Demountable/Pre-painted
Edge D2 600 x 600 12.5 Concealed T-24 grid Demountable/Pre-painted
Edge E15 600 x 600 (actual size 592x592) 10.0 Exposed, recessed T-15 grid Demountable/Pre-painted

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

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