

# Gyptone® Point 15

ACOUSTIC TILES WITH  
ROUND PERFORATIONS



## Characteristics



**Activ'Air:** Gyptone Activ'Air technology 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 70%.\*



**Sustainability:** Gyptone acoustic ceilings are made of gypsum and carton. The carton is produced from recycled cardboard and paper. The used gypsum consists of natural gypsum in combination with recycled gypsum collected from construction sites and recycling centers.



**Dimensional stability:** Gyptone should be installed and used in areas with a relative humidity not exceeding 70% for prolonged periods or temperature exceeding 45° C.



**Installation:** Gyptone Point 15 should be installed in Cross-Lock Unipro T24 mm grid or a similar grid, when used in the Gyptone Xtensiv system. See Gyptone Xtensiv installation manual for further details. When Gyptone Point 15 is used in the Plank system, the Gyptone Point 15 should be installed together with the API T24 mm Plank profiles. See Gyptone Plank installation manual for further details.



**Construction height:** Min. standard construction height for Gyptone Xtensiv and Gyptone Plank system is 195 mm excl. the gypsum tiles. See the relevant installation manual for further details. For smaller construction heights please contact your local Saint-Gobain company.



**Surface:** Gyptone Point 15 are delivered pre-painted. The paint colour used is white (NCS 0500).



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



**Cleaning:** Gyptone Point 15 can be cleaned with a damp cloth with a mild cleaning agent.

*\* 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 70% of the formaldehyde in a controlled test environment.*

## Product description

Gyptone Xtensiv and Gyptone Plank systems, now shares common perforated Gyptone products. The products for the two systems are available in the following patterns

- Gyptone Line 8 with a line perforation in 6x95mm
- Gyptone Point 15 with a round perforation in diameter 6.5mm
- Gyptone Quattro 55 with a square perforation in 12x12mm
- Gyptone Quattro 75 with a square perforation in 3x3mm
- Gyptone Base 33 with no perforation

The tiles are available in three format options (300x 1200/ 1800/2400 mm) and are fully demountable in both systems.

The Gyptone products (except Base) are perforated, which in combination with the underlying acoustic tissue provides good acoustic properties. All products have edge E24 on the long sides and edge B on the short edges.

Gyptone acoustic ceilings contributes to aesthetics, good acoustic and improves indoor air quality in buildings.

Gyptone acoustic ceilings have durable and low maintenance surfaces with long lifespan and minimal maintenance costs.

Gyptone acoustic ceilings are made from natural materials and contains no harmful substances.

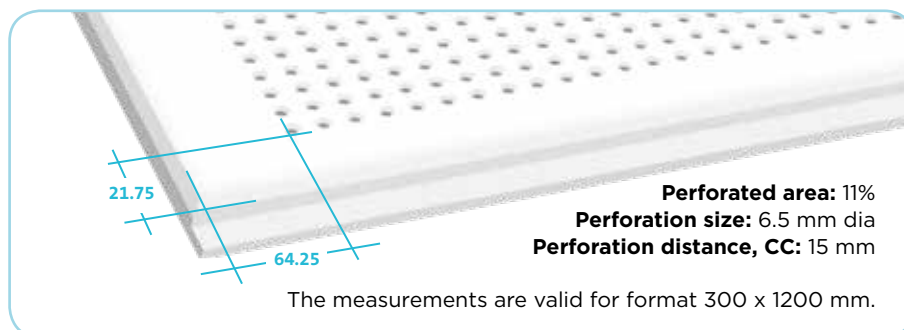
# Gyptone® Point 15

## Edge E24:

Exposed, recessed T-24 grid  
Demountable/Prepainted

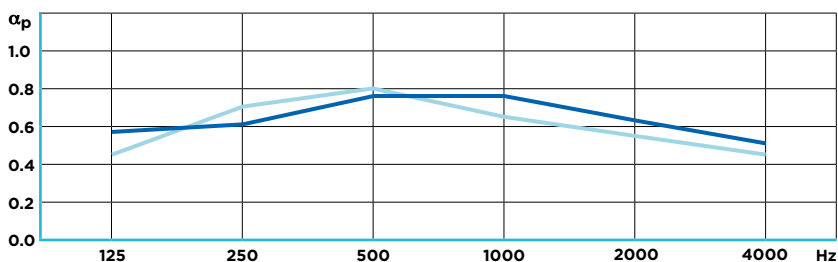


| Technical data   | Value                                      |
|------------------|--|
| Edge type        | Edge E24 on long side, edge B on short end |
| Modular size     | 300 x 1200 mm (actual size 285 x 1200 mm)  |
|                  | 300 x 1800 mm (actual size 285 x 1800 mm)  |
|                  | 300 x 2400 mm (actual size 285 x 2400 mm)  |
| Thickness        | 10 mm                                      |
| Weight           | Approx. 7 kg/m <sup>2</sup>                |
| Colour           | White NCS 0500                             |
| Gloss value      | 5-9 (Reference standard: ISO 2813)         |
| Light reflection | 70%  |
| Fire performance | A2-s1, d0 (Reference Standard: EN 14190)   |



## Acoustics

Practical absorption coefficient  $\alpha_p$



| Suspension distance | Mineral Wool | Frequency |        |        |       |       |       |          | $\alpha_w$ value | Absorption class |
|---------------------|--------------|-----------|--------|--------|-------|-------|-------|----------|------------------|------------------|
|                     |              | 125 Hz    | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz |          |                  |                  |
| 200 mm              | -            | 0.45      | 0.65   | 0.80   | 0.65  | 0.55  | 0.45  | 0.60 (L) | C                |                  |
| 300 mm              | 70 mm        | 0.57      | 0.61   | 0.76   | 0.76  | 0.63  | 0.51  | 0.65 (L) | C                |                  |

## Acoustic properties:

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.

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\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)



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.