

# BIG Choices

NEW DESIGNS WITH GYPTONE BIG



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## Gyptone BIG Choices

# Design and acoustics

We have introduced two new exiting Gyptone BIG designs – New Gyptone BIG Quattro 40 and 44. The new BIG Quattro variants not only give the sense of a fresh new look, the products are acoustically optimized to provide a sound acoustic environment for the benefit of users.

So with Gyptone BIG Quattro 40 and 44, you get the visual experience of large, unbroken surfaces, optimized acoustics and of course all the well known and documented Gyptone benefits.

# Sustainability

Buildings and their operation constitute a large proportion of the world's resources. Therefore, it is vital to our common future, to choose products and solutions in our industry which minimizes environmental impact. Gyptone ceiling products are the sustainable choice! Our products can document the lowest CO<sub>2</sub> emission and consumption of water and energy on the market.

Our environmental statements are substantiated and verified by independent 3rd party. For Gyproc sustainability is the foundation of our behavior.

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Gyptone BIG Choices

## Indoor climate

We spend up to 90 % of our time indoors, which makes the indoor environment important, whether it is our home, school or place of work. At Gyproc we are working hard to optimize our ceiling solutions to contribute positively to a healthy indoor environment.

Gypsum has been used in construction for thousands of years and is in many ways the perfect building material. It has no emissions, no hazardous content and the gypsum itself is a naturally derived material. Gyptone ceilings are 100 % recyclable and recycled gypsum and cardboard goes back into the production of new products. And then there's Activ'Air!

Activ'Air is a patented technology, which decomposes VOCs, such as formaldehyde into non harmful inert compounds. Chemically inert means that the material does not contain chemicals that can cause a chemical reaction and therefore has no harmful emissions.

Gyptone Activ'Air has been tested by the accredited Eurofins laboratory and results shows that Activ'Air technology can reduce formaldehyde concentration with up to 70 % in a given room. Result: A significantly improved indoor environment





# Gyptone as wall absorbers

## Design and acoustic optimizing

Almost all buildings require acoustic adaptations and optimization. In some areas, such as schools and kindergartens, the requirements are particularly strict.

When acoustic regulation is required, f.ex. lowering of the reverberation time, the solution can be integrated wall absorbers in combination with Gyptone acoustic ceilings. Wall absorbers lower the reverberation time, and reduces standing waves between parallel walls, known as flutter echo. Gyptone BIG Quattro 40 and 44, with their large, unbroken perforated surface are ideal for a functional and aesthetic wall solution.

The perforated gypsum boards are mounted directly on the existing wall with mineral wool behind. Gyptone BIG can be integrated into an overall solution which appears as part of the wall and not as an attachment. The solution can be used in new and existing buildings with the same stunning aesthetics.

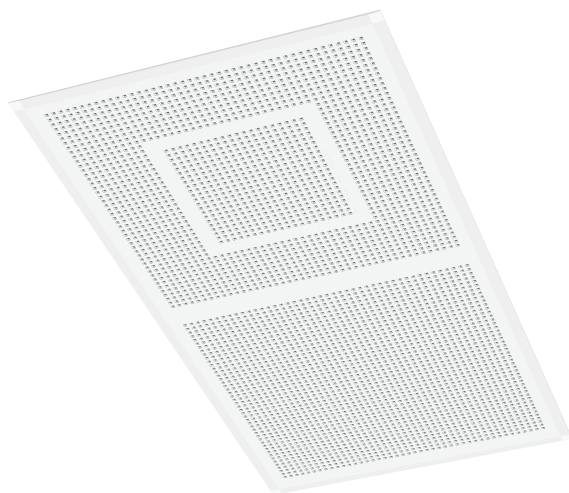
Read more about our different acoustic solutions on [www.gyptone.com /product](http://www.gyptone.com/product)



## Gyptone BIG Choices

### Access to installations

Gyptone BIG Quattro 40 and 44 are as other BIG products primed and not demountable. For access to installations behind the ceiling, you can mount a Gyptone Access Panel with or without perforation. Gyptone Access Panel is a gypsum based hatch, which is fitted directly into the perforated area of the board. The panel can then be painted in the same color as the ceiling, ensuring a aesthetic solution.



### BIG Quattro 40

**Format:** 1200 x 2400 mm

**Thickness:** 12,5 mm

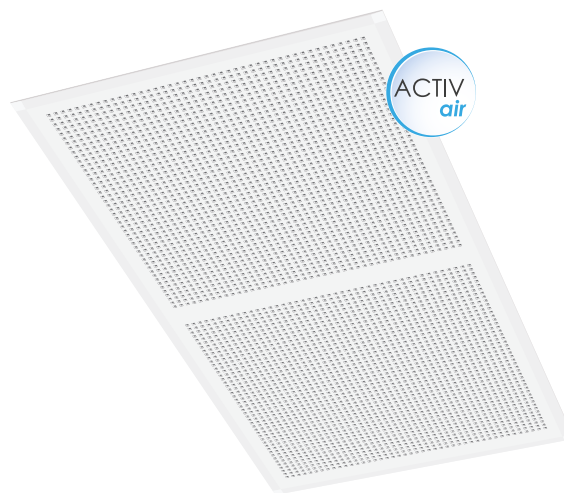
**Edge:** 4 tampered edges

**Perforation:** 12 x 12 mm

**Perforated area:** 19 %

**Activ'Air:** Yes

**Fire:** A2,s1-d0



### BIG Quattro 44

**Format:** 1200 x 2400 mm

**Thickness:** 12,5 mm

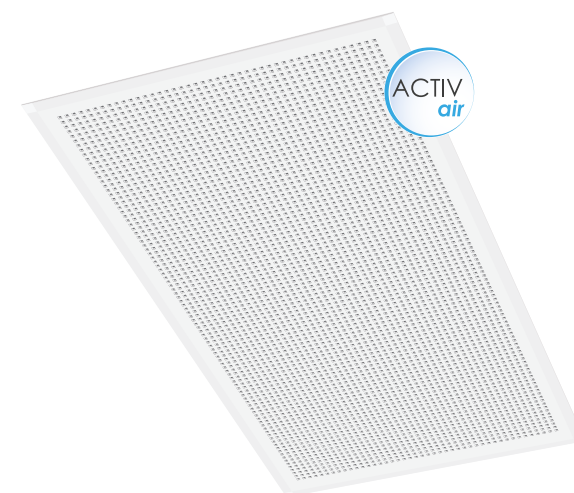
**Edge:** 4 tampered edges

**Perforation:** 12 x 12 mm

**Perforated area:** 20 %

**Activ'Air:** Yes

**Fire:** A2,s1-d0



# Gyptone BIG Choices

## PRODUCT DESCRIPTION

Gyptone BIG acoustic ceilings allows you to to create large ceiling surfaces without visible joints. The perforation provides, in combination with the underlying acoustic tissue, good acoustic properties.

## INSTALLATION

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

## FIRE

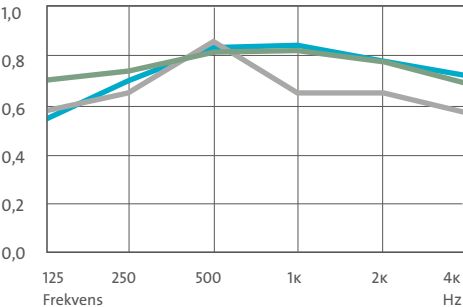
A2-s1, d0.

## MAINTANENCE

Gyptone BIG is supplied unpainted. The surface finish is done on site after jointing is completed. Ceilings must be painted with a shorthaired roller. The boards must not be spraypainted as this impairs sound absorption. Painted surfaces can be cleaned with a mild detergent.

## GYPTONE BIG QUATTRO 40

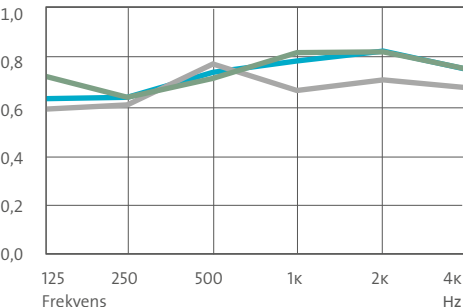
Practical absorption coefficient  $\alpha_p$



- 0,56 0,70 0,81 0,82 0,78 0,73
- 0,59 0,65 0,85 0,65 0,65 0,58
- 0,70 0,74 0,80 0,81 0,78 0,69
- Construktion hight 60 mm with 50 mm mineral wool
- Construktion hight 200 mm
- Construktion hight 200 mm with 50 mm mineral wool

## GYPTONE BIG QUATTRO 44

Practical absorption coefficient  $\alpha_p$



- 0,64 0,65 0,74 0,78 0,82 0,76
- 0,60 0,61 0,77 0,66 0,71 0,68
- 0,73 0,64 0,71 0,75 0,81 0,76
- Construktion hight 60 mm with 50 mm mineral wool
- Construktion hight 200 mm
- Construktion hight 200 mm with 50 mm mineral wool

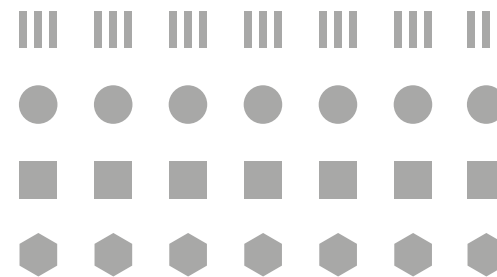






Gyptone ceilings have been tested by Danish Indoor Climate Labeling and the Finnish M1 classification, plus according to the French Health and Environmental labeling A+. All approvals are in the best class.

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



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