ACOUSTIC CEILINGS THAT INCREASES CREATIVITY

CURVED ACOUSTIC CEILINGS INTEGRATION OF LIGHT

Gyptone® acoustic ceilings aesthetics, acoustics, durability
**HARMONIC INTERPLAY.** Large, deadened surfaces create peace and harmony, and supplemented with ceiling shapes in soft waves it opens up completely new possibilities. The ceiling contributes as an exciting integrated part of the room’s collective architecture.

At the same time, this basis is the starting point for the development of our BIG Curve solutions. The many combination possibilities and patterns makes it easy to create a new ceiling architecture that works both visually and functionally.

**FUNCTIONALITY, BUILT-IN AESTHETICS AND SUSTAINABILITY.** When the visual expression is combined with functionality, e.g. indoor environment, strength and acoustics, then one has achieved what we at Gyproc have chosen to designate as “acoustics, aesthetics, durability”.

This is our starting point for achieving freedom, flexibility and possibilities in the planning phase. This is also the thought behind our patterns, formats and systems for acoustic ceilings and walls. At the same time, Gyproc’s solutions accommodate all future requirements for sustainability.

In this brochure, we have chosen to show a range of solutions that combine exciting architecture with effective acoustics and durability.
GYPTONE BIG CURVE provides the opportunity to create curved shapes in the ceiling. With the thin large format boards you can create large, unbroken ceiling surfaces in soft waved forms, completely without visible joints or grid systems.

The Gyptone BIG Curve products has tapered long edges and is available in 3 standard patterns and BIG Curve Base without perforations.

Gyptone Curve can be combined with Gyptone BIG boards in large, continuous ceiling surfaces. In addition, there is the potential for integrating the room’s lighting as a natural part of the ceiling.

Gyptone BIG Curve can be dry bent to relatively small arcs (radius: 2.2 m) and to an even smaller radius by wet bending. Thus Gyptone BIG Curve can be used in association with e.g. walls and balconies where small arches are desired.
NEW!
Gyptone BIG Curve Line 6
NEW!
Gyptone BIG Curve Quattro 41
NEW!
Gyptone BIG Curve Sixto 63
NEW!
Gyptone BIG Curve Base 31
Gyptone BIG Curve contributes to a reduction of reverberation time and improvement of speech intelligibility. Gyptone BIG Curve is sound absorbing and based on a 6.5 mm special gypsum board with bendable properties. The back side is fitted with acoustic tissue.

ACOUSTICS

Gyptone BIG Curve is screw fixed to curved profiles. Special screws are to be used that are suited to hard gypsum boards. Board joints are to be taped and filled, then surface treated.

MOUNTING

The construction height indicates the distance between the underside of the suspended system ceiling and the floor structure/ceiling construction. The measurements apply to a plane surface.

Curving of the boards will have an affect on the absorption values. The boards sound absorption will also be affected by the construction’s height and any mineral wool behind.

PRACTICAL ABSORPTION FACTOR $\alpha_p$

Example Gyptone BIG Curve Line 6 (planeboard).
Construction height 200 mm

INSTALLATION EXAMPLE

INTEGRATION OF LIGHT

CEILING AND LIGHT IN HARMONIC BALANCE. In all ceilings with Gyptone BIG and
Gyptone BIG Curve, you can integrate lighting fixtures, downlights, ventilation, etc. in
close and natural interplay with the ceiling. You can freely choose whether the instal-
lations are to break the ceiling surface or be pulled back and into the recesses, which
gives the ceiling a beautiful and simple design. The solutions shown, are based upon
a simple integration of ceiling and light, where the integration falls naturally into the
ceiling’s collective architecture.
INTEGRATED CENTRED LIGHTING

Example, where the lighting is integrated in plane with the ceiling.
Example of integrated centred lighting in recess.
Example of indirect lighting in recess along the wall.

Example of vertical lighting in recess along the wall.
PRODUCT RANGE

Gyptone BIG Curve Quattro 41

Gyptone BIG Curve Sixto 63

Gyptone BIG Curve Line 6

Gyptone BIG Curve Base 31
SUSTAINABILITY
is a natural part of our basis, as is acoustics and aesthetics.

NATURAL AND SUSTAINABLE MATERIALS. Gyptone acoustic ceilings are based on environmental responsibility. Ceilings are produced of gypsum, which is a completely natural material. They have a sustainable life cycle and can, among other things, be fully recycled for new gypsum ceilings. When you compare this with Gyptone ceiling’s positive impact on the indoor environment, the long lifespan and the minimal maintenance costs, you get a positive total environmental impact, which has all the qualifications for living up to the EU’s future sustainability requirements along with LEED, BREEAM, HQE and DGNB.

FUNCTIONALITY AND STRENGTH. Gyptone acoustic ceilings are robust and durable. The low maintenance costs and opportunities for easy repairs following installation, as well as the ceiling’s classic patterns and design give an extra-long lifespan.

BUILT-IN ACOUSTICS. Acoustics are an important factor in any building project and an important part of the indoor environment. The acoustic conditions must be planned according to the use of the room and be included as a natural part of the room’s collective design.

Therefore, the requirements for materials and properties are complex. But that doesn’t mean the solution has to be. Gyptone acoustic ceilings are born with good acoustic properties. So with a combination of Gyptone acoustic ceilings and walls, you can achieve optimal acoustic conditions. And you still have no aesthetic limitations.
WHEN YOU CHOOSE GYPTONE, YOU ALSO CHOOSE A SUSTAINABLE SOLUTION. At Gyproc A/S we have worked intensively over several years to create products and methods, which do not only live up to the market’s and building legislation’s requirements, but also to future challenges with regard to resource consumption, climate and sustainability.

NATURE’S OWN MATERIAL. Our products are based on gypsum, which is a naturally occurring material. Gypsum does not contain environmentally hazardous or poisonous substances and has no emissions. These properties are an important starting point for a sustainable building material. At www.gyproc.com or in our brochure “Sustainable light construction” you can find out more about our work in this field.

GYPTONE PRODUCTS are tested by the Danish Indoor Climate Labelling and the Finnish M1 classification, plus the French health and environmental authorities labeling A+. All approvals are in the best class.

ISO STANDARDS. Gyproc A/S has a management system that is classified pursuant to the requirements in ISO standards 9001, 14001 and OHSAS 18001.