Gyptone BIG Curve provides the opportunity to create curved ceilings with sound absorbing properties.

The large format also enable the possibility to create large unbroken ceiling surfaces without visible joins.

The product range for Gyptone BIG Curve includes 3 perforated standard patterns – Line 6, Quattro 41 and Sixto 63 and Base 31 without perforations, all with tapered edges on the long sides.

Used Gyptone ceilings can be fully recycled into the manufacturing of new gypsum products.

Acoustics

Absorption values $\alpha$

Acoustic measurements are carried out according to ISO 354.

The construction height indicates the distance between the suspended system ceiling’s underside and the floor structure/ceiling construction. Measurements apply to a plane surface. Bending of the boards will have an impact on the absorption values. The boards sound absorption will also be affected by the height of the construction and any mineral wool behind.
Gyptone BIG Curve is sound absorbing and based on a 6.5 mm special gypsum board with bendable properties. The perforations are punched with great precision. The back side of the perforated board is fitted with acoustic tissue.

**Mounting**
Gyptone BIG Curve is screw mounted to curved profiles and the boards are not demountable. Special screws for hard gypsum boards must be used.

**Construction height**
The minimum construction height possible with rolled steel shapes depends on the chosen radius.

**Surface**
Gyptone BIG Curve is supplied with untreated surfaced and edge B1 on the long edges. The surface treatment is carried out on site after filling is complete. Boards are painted with a roller. They may not be spray painted, as this significantly impairs the sound absorption.

**Fire**
B-s1, d0.

**Dimensional stability**
Gyptone BIG Curve should be mounted and used in rooms with a relative humidity that does not constantly exceed 70%.

**Bending ability**
Gyptone BIG Curve can be dry bent down to a radius of 2.2 m.

**Dimensions**
Module measurement 1200 x 2400 mm.

**Weight**
Approx. 6.5 kg/m².

**Cleaning**
Depends on the surface treatment.

**Maintenance**
Painting must be done with a roller. Boards may not be spray painted, as this impairs the sound absorption.

<table>
<thead>
<tr>
<th>Edges</th>
<th>Modular size (mm)</th>
<th>Thickness (mm)</th>
<th>Mounting systems</th>
<th>Mounting/ surface treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1 Long edge</td>
<td>1200 x 2400</td>
<td>6.5</td>
<td>CD/GK system</td>
<td>Not demountable/ untreated</td>
</tr>
<tr>
<td>A Short edge</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Perforation size: 6 x 80 mm

Design and technology

**Product description**
Gyptone BIG Curve is sound absorbing and based on a 6.5 mm special gypsum board with bendable properties. The perforations are punched with great precision. The back side of the perforated board is fitted with acoustic tissue.

**Mounting**
Gyptone BIG Curve is screw mounted to curved profiles and the boards are not demountable. Special screws for hard gypsum boards must be used.

**Construction height**
The minimum construction height possible with rolled steel shapes depends on the chosen radius.

**Surface**
Gyptone BIG Curve is supplied with untreated surfaced and edge B1 on the long edges. The surface treatment is carried out on site after filling is complete. Boards are painted with a roller. They may not be spray painted, as this significantly impairs the sound absorption.

**Fire**
B-s1, d0.

**Dimensional stability**
Gyptone BIG Curve should be mounted and used in rooms with a relative humidity that does not constantly exceed 70%.

**Bending ability**
Gyptone BIG Curve can be dry bent down to a radius of 2.2 m.

**Dimensions**
Module measurement 1200 x 2400 mm.

**Weight**
Approx. 6.5 kg/m².

**Cleaning**
Depends on the surface treatment.

**Maintenance**
Painting must be done with a roller. Boards may not be spray painted, as this impairs the sound absorption.