Gyptone Trap is a system for hinged corridor ceilings where the elements can swing down on either side. This allows for quick and easy access to installations behind the ceiling. The product range for Gyptone Trap includes 5 standard patterns: Line 4, Point 11, Quattro 20, Quattro 50 and Base (non-perforated). Gyptone Trap elements are gypsum tiles mounted in frames of painted steel. They can swing down and hangs freely by using master hangers. Trap elements can be installed in extension of each other by using a center profile. The Trap elements (except Base) have perforations, which in combination with the underlying acoustic tissue, provides good acoustic properties.

Gyptone acoustic ceilings contribute to aesthetics, good acoustics and improved indoor air quality in many different constructions. Gyptone acoustic ceilings have durable and easy maintainable surfaces with long durability and low maintenance costs. Gyptone acoustic ceilings are made from natural materials and contains no environmentally harmful substances.

**Acoustics**

**Practical absorption coefficient $\alpha_p$**

(Gyptone Line 4)

<table>
<thead>
<tr>
<th>Frekvens (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1k</th>
<th>2k</th>
<th>4k</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction height 200 mm</td>
<td>0.40</td>
<td>0.70</td>
<td>0.80</td>
<td>0.65</td>
<td>0.60</td>
<td>0.50</td>
</tr>
</tbody>
</table>

These measurements meet the requirements of ISO 354. All measurements were made on standard tiles with acoustic tissue laminated on the back. The construction height specifies the distance between the undersides of the suspended ceiling and the existing construction.

The sound absorption is affected by the construction height.
**Design and technique**

**Product description**
Gyptone Trap is a self-supporting suspended ceiling solution. It is mainly used in corridors where frequent access behind the ceiling is required. The Trap elements are supplied with acoustic tissue, which gives excellent acoustic properties.

**Perforation**
The perforation pattern is placed close to the long and short edges.

**Grid system**
Gyptone Trap is quick and easy to install by using the Trap elements master hangers, which fit the Trap profiles.

**Construction height**
The Trap system can be installed on different types of fittings. The recommended min. height is 100 mm. See installation manual for further details.

**Fire**
A2-s1, d0.

**Edges**
The elements are mounted in a steel frame.

**Gloss and light reflection**
Gloss value 5-9 according to ISO 2813. Light reflection 70-75 % with standard paint finish.

**Dimensional stability**
Gyptone Trap should be installed and used in rooms with a relative humidity not exceeding 70% or temperature of 45°.

**Dimensions**
Standard dimension 580 x 1160 mm.

**Surface**
Gyptone Trap elements are supplied pre-painted. The tile is painted with NCS 0500 and the steel frame with RAL 9010.

**Weight**
7 kg for perforated Trap elements
8 kg for non perforated Trap elements.

**Cleaning**
Gyptone Trap can be cleaned with a damp cloth with a mild cleaning agent.

**Maintenance**
Repainting of the gypsum board must be done with a shorthaired roller. The elements must not be spraypainted, as this impairs the sound absorption.

Gyproc A/S is not to be held responsible for any typographical errors and reserves the right to change range and product technology without prior notice. July 2013

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

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. All Gyptone ceilings are 100% recyclable.

Learn more on www.gyptone.com

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e-mail: info@gyproc.com

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