

DAMPA® Silent Cloud

Datasheet

DAMPA® Silent Cloud is a series of acoustic ceiling islands that can effectively optimise the acoustics in any room. The ceiling islands can be combined and built together, to achieve a solution that fits your project.

The ceiling islands are also available as cooling islands, which means they can optimise both acoustics and temperature in one solution.

Size (W x L x H)

1000 x 2000 x 50 mm

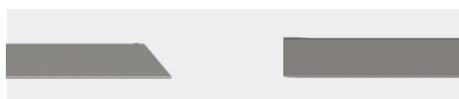
800 x 1600 x 50 mm

800 x 2000 x 50 mm

Edge details

The ceiling islands can be delivered with 40° and 90° edges

A streamlined surface can be created with multiple ceiling islands by connecting them with a bracket



Design & Surfaces

Perforation

AL-709: Ø 1,6 mm., open area 25,1%.

With 15 mm unperforated edge

AL-716*: Ø 4 mm., open area 40%.

With 15 mm unperforated edge

The ceiling islands can also be delivered unperforated

*Not possible for ceiling islands in the size 1000 x 2000 x 50 mm

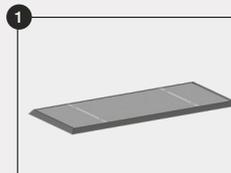
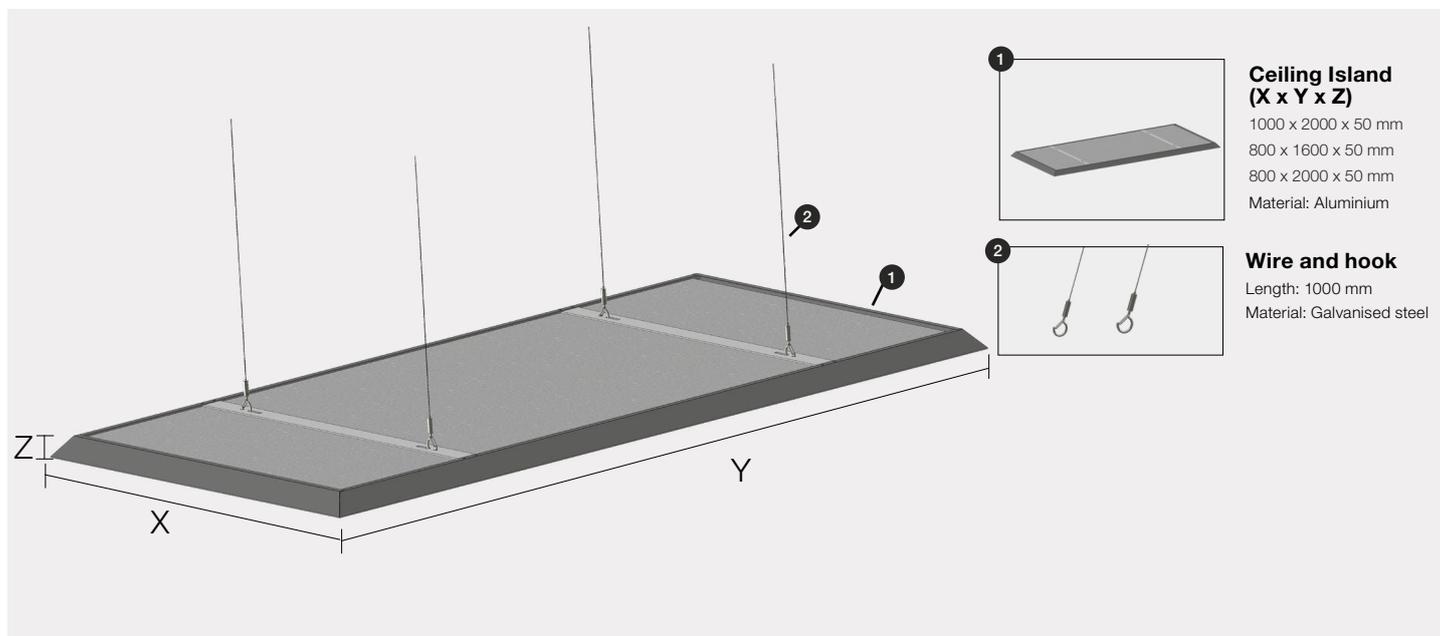
Surfaces

Aluminium with clear lacquer

Powder coated in all RAL colours

Digital print

System



Ceiling Island (X x Y x Z)

1000 x 2000 x 50 mm

800 x 1600 x 50 mm

800 x 2000 x 50 mm

Material: Aluminium



Wire and hook

Length: 1000 mm

Material: Galvanised steel

Technical properties

Material

Scandinavian aluminium with up to 75% recycled post-consumer content

40 mm glass wool with aluminium foil on the reverse side

Material thickness

1 mm aluminium

System weight

Aluminium: 3,75 kg/m² + 2,4 kg/m² inlay

Both solutions use 300g suspension wires

Corrosion Class

Class B (confer EN13964, table 8 og 9)

Fire Classification

B-s1, d0

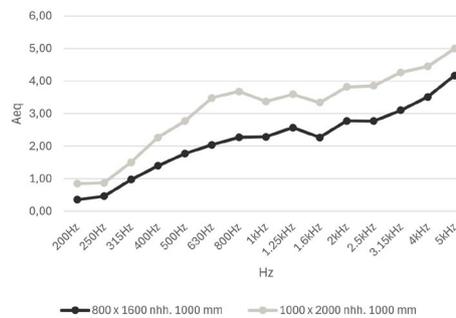
Formaldehyd

DAMPA products are manufactured from metal, ensuring zero formaldehyde emissions

Acoustic

In-house measurements have been conducted according to EN ISO 354

Nhh = suspension height



Integration

Light

Perforation is possible to allow for integration of lighting in the ceiling islands

It is, for example, possible to incorporate linear lighting from Teamtronic

Climate Ceiling

The ceiling islands can be supplied as cooling islands

Certifications and tests

DoP

Sound absorption measurements

Find all certifications and tests at dampa.com or scan the QR code below



Sustainability

DAMPA® Silent Cloud is both reusable and recyclable.

Thanks to the material's robust properties and long lifespan, DAMPA® Silent Cloud is ideal for reuse. The ceiling islands can be easily taken down and reinstalled elsewhere if acoustic needs change.

Moreover, due to the mechanical characteristics of metal, the solution can be recycled with relatively few resources to produce new products after end of use. DAMPA's metal solutions can thus be recycled repeatedly without leaving the circular loop.

Disassembly after end of use: The metal component with acoustic felt is recycled as metal scrap. The glass wool is removed and recycled along with the corresponding type of mineral wool.