



Product description

The EC4H is a self-supporting sheet installed under an invisible supporting framing of type H profiles. The frames are perpendicular to the facades according to the layout plan. The panels are made of 5 to 8/10th thick steel sheet, perforated or not, with a wide choice of colours.

The panels, with sharp, abutting edges, have notches to accommodate the H profile. Each panel can be dismantled independently of the others by simply stripping them.

Access to the plenum for maintenance is simplified and the ceiling retains a monolithic appearance.



Use

Rastered office tops, open-spaces, meeting rooms, computer rooms, etc.



Materials

Galvanized steel 5/10 to 8/10.
Depending on the width of the panels

Other materials on request



Dimensions

Standard width 300 / 600 / 675 mm
Other width on request
Length within the limit of self-supporting
(675 x 1800 mm maximum)



Sharp corner



Colors

- Pre-painted White 137 (~ RAL 9003)
- Post-painted, Polyseter powder coating RAL :



- Any other RAL colour on request



Light reflection

CSTB report EMI 18-26077242-1 :
Up to 88%, post painted RAL 9016
Summary in the colors section of the catalogue



Perforations

Standard :

On request:



11% Ø 1.5 M



2% Ø 0.8 U



22% Ø 1.5 M



16% Ø 2.5 U



Non perforated



Bending in perforation



Longitudinal perforation



Stopped 4 sides

Bespoke perforation ? Consult us !



Options

Special cut-outs for lighting and HVAC equipment on request



Installation method

All special profiles available on request

Installation in accordance with DTU 58.1

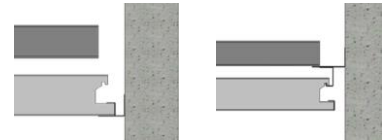
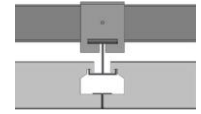
Frames : Panels mounted on an invisible PREC H profile frame, using a notch system at the end of the panel. The H-profiles are suspended under a perpendicular PREC PU primary framing to ensure the system's stability.

Hanging positioned at 1200 mm centres, starting 300 mm from the wall.

Edges : The panels are fitted to the perimeter edge angles.

The panels can be finished with a shadow gap by fitting them under a half-H profile fixed under an adjustable bracket.

Removal : Opening the EC4H panel : Push vertically then move sideways.



Corner edge

Hollow joint edge



- 1 EC4 H Panel
- 2 REC L Edge corner
- 3 PREC H Extruded H profile
- 4 SUSP HH profile hanger
- 5 RACC HH profile connector
- 6 PREC PU Primary profile
- 7 SUSP PU Primary profile hanger
- 8 RACC PU Primary profile connector



Fire

Reaction to fire (according to EN 13501-1)

Euroclass A1 for the following products:

- non-perforated pre-painted panel
- pre-painted panel with non-woven fleece or surfaced rock wool lining

Euroclass A2-s1,d0 for products:

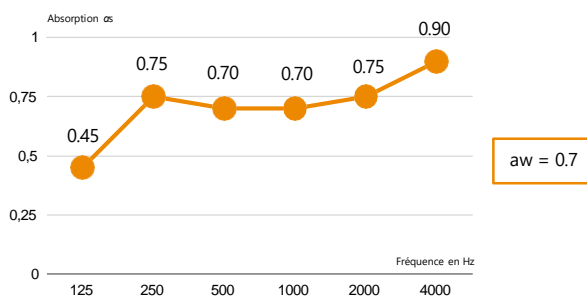
- Post-lacquered panels with or without lining



Acoustics

Sound absorption measured in accordance with NF EN ISO 354. Acoustic certificates available on request.

Perforation 11% + black non-woven



Cleaning

Metal ceilings are resistant and easy to clean.

For dust : Dry clean with a soft cloth or Hoover with a soft bristle brush.

For stains : Clean with a damp cloth soaked in a non-abrasive cleaner diluted in water.

For persistent, greasy stains, diluted alcoholic solutions can be used.



Environment

100% recyclable ceiling, odourless, easy to maintain and does not generate dust, particles, or vapour.

No VOC or formaldehyde emissions.

(Classification A for LR30)

ESDS sheet available on the INIES website (www.inies.fr)



Perforation 11% + Rockwool 30 mm

