



### Product description

The EC31 is a self-supporting, flush-edged panel that can be tilted by simply uncovering it. It hinges on a pivot profile that leaves a minimum 20 mm gap on either side of the panel, allowing it to absorb slight differences in traffic width.

The EC31 panel provides full and easy access to the ceiling plenum without taking up any framing space. Any geometry can be envisaged to adapt to the shape of the building, as well as any type of technical equipment recess.



### Use

Circulation ceilings for buildings such as hospitals, office buildings, shopping malls, 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 mm (Other width on request)  
Length : 500 mm min – 2500 mm max  
Height : 35 mm  
Self supporting : 2500 x 600 mm max



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

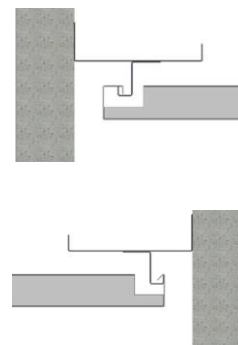
In hallways : Panels installed on standard ECHAME PREC J hanging profiles. To be bolted under the adjustment bracket fixed to the wall every 600 mm.

The panels are installed with a minimum 20 mm hollow joint on each side.

removal : Opening the EC31 panel: Push vertically on the kickplate side then move sideways to escape the hanging profile.

The panel remains suspended on the edge pivot profile.

The panel is closed by reversing the movement.



- 1 EC31 Panels
- 2 PREC PLR bracket profile
- 3 J PREC J Hanging profile



## 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:**

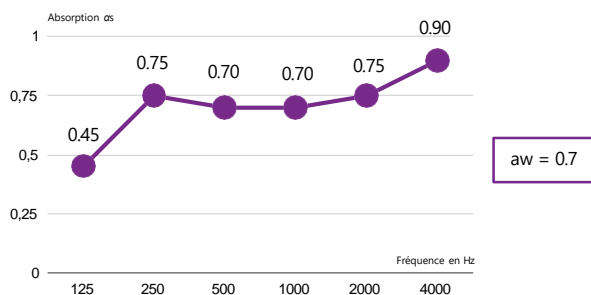
- Post-lacquered panels with or without lining



## 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](http://www.inies.fr))

Perforation 11% + Rockwool 30 mm

