

### Product description

The EC30 is a tilting panel that can be opened from either side. It can remain suspended in the open position on either of the hanging profiles. It leaves the plenum completely free to access. This facilitates access to the technical networks and allows easy maintenance.

Special panels can be used to adapt to the shape of corridors, to accommodate direction changes or to manage the frames ends. Lighting fittings or lighting strips can be integrated into the edge profiles.

The EC30 panel can also be used in office ceilings, with a hollow joint installation, removable by means of double hung profiles.



### 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



### 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 !



### Colors

- Pre-painted White 137 (~ RAL 9003)  
- Post-painted, Polyester 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



### Options

Special cut-outs for lighting and HVAC equipment on request

Fire stability ceiling (SF)

End of grid panel with the addition of an internal reinforcing crossbar



## Installation method

All special profiles available on request

### Installation in accordance with DTU 58.1

In hallways : Panels installed under standard PREC J hanging profile. To be bolted to an adjustment bracket fixed to the wall every 600 mm. The panels are installed with a minimum 12 mm hollow joint on each side.

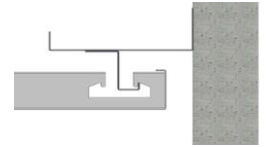
The adjustment brackets are suspended from the concrete slab at their ends by a threaded rod with a 1200 mm pitch.

As frame : Panels installed under ECHAME double hooking profiles, allowing the panel to be removed by stripping and tilting. There is a 12 mm functional hollow joint between the trays. Each panel can be dismantled independently of the others.

Removal : Opening the EC30 panel : Push vertically, 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 EC30 Panel
- 2 PREC PLR Bracket profile
- 3 PREC J Hook profile J



## 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:**

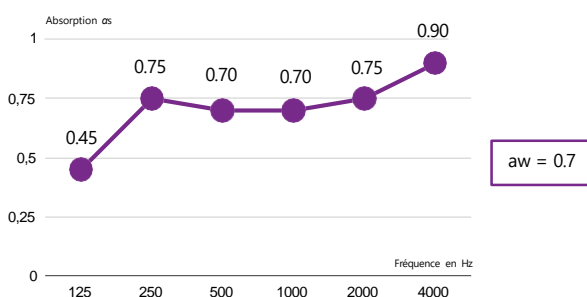
- Post-lacquered panels with or without lining



## 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

