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## BAFFLE SYSTEM

### I System

Vertical staves attached on horizontal carriers.

### II Materials

The ceiling Baffles are made from 0,7mm zinc galvanised steel with a minimum 100 g/m<sup>2</sup> zinc coat using the Sendzimir process.

Reaction to fire Classe A1/AC - EN13964:2007.

### III Fabrication

The Baffles remain open at the top and can be provided with an acoustical isolation.

Dimensions 30x200 mm or 30x100 mm. Maximal length 4000mm.

Interdistance between the Baffles in multiples of 70mm.

### IV Finish

Standard, Ceilux baffles are available in metallic silver or white. Other colours and perforation patterns available on demand. The baffles and finishing profiles are pre-painted, resulting in a finer coating and a higher quality degree of finish of the perforations. This also sees to it that the materials used are less susceptible to all manner of imprints. In addition, both the Baffles are covered in a foil that is easy to remove in order to prevent any damage whilst simultaneously guaranteeing a perfect finish when being fitted.

During manufacturing, colour values are measured in accordance with ISO 7724-2 and ISO 7224-3 allowing for a maximum colour deviation which is not permitted to go beyond  $\Delta E=1$ .

Standard, the perforated panels are fitted out with a bonded acoustic membrane.

### V Perforation patterns

Perforation only on the longer sides, whereas the bottom and sides remain unperforated.

Perforation pattern Rd (22%): round perforations 1,5mm in een diagonal pattern  
Mutual distance 2,5mm

### VI Suspension construction and load-bearing structure

The suspension consists of suspension wires (3000mm) or threaded bars.

The bearing structures are standardly provided in black. These are produced in lengths of 4000mm. Carrier joints can help obtain larger spans.

### VII Accessories

The finishing of the Baffles at the sides is realised with end pieces.

The mutual connection between two Baffles is aligned using connection pieces. This way lengths larger than 4m can be created.

The U-shaped Baffles can be clamped with Baffle-Clips. This ensures an extra reinforcement, which results in an fluent alignment.