

PARAFON Buller Mesh



Certification Number

0809-CPR-1013 / Eurofins Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland

Short Description

PARAFON Expanded Metal Cassette is an integrated acoustic panel for exposed locations and environments. The surface protection consists of expanded metal made of galvanised sheet around a PARAFON Buller acoustic panel made of non-combustible mineral wool with the highest fire classification, A1, in accordance with EN 13501-1.

Application

The product is particularly suitable for areas where the acoustic panels are also required to have good mechanical durability. For example industrial areas and sports centres

Usage Conditions

May be used continuously in 95 % relative humidity at a temperature of 30 °C, occasionally also at 100 % and 40 °C.

Dimensions

Dimensions		
Thickness	Width x Length	Weight
Edge A: 50 mm	600 x 1795 mm	7,5 kg/m ²

Fixed sizes

Packaging

Package Type

Pall

Fire Properties

Reaction to Fire

Property	Value	According to
Reaction to Fire, Euroclass	A1	EN 13964:2014 (EN 13501-1)

Other Fire Properties

Property	Value	According to
Combustibility	Base product non-combustible	EN ISO 1182

Sound Properties

Acoustic Absorption Index

Property	Value	According to
Sound Absorption α_w , Direct Fixing	0.90	EN 13964:2014 (EN ISO 354 / EN ISO 11654)

Property	Value	According to
Practical Sound Absorption Class	A	EN 13964:2014 (EN ISO 354 / EN ISO 11654)

Mechanical Properties

Tensile/Flexural Strength

Property	Value	According to
Flexural Tensile Strength	NPD	EN 13964:2014

Other Mechanical Properties

Property	Value	According to
Shatter Properties	NPD	EN 13964:2014

Emissions

Property	Value	According to
Emission Indoor Climate	M1	Finnish Classification

Release of Dangerous Substances to the Indoor Environment

Property	Value	According to
Release of Formaldehyde	E1	EN 13964:2014
Release of Asbestos	No content of asbestos	EN 13964:2014

Durability

Durability of Reaction to Fire Against Heat, Weathering, The fire performance of mineral wool does not deteriorate with time. The Ageing/Degradation does not deteriorate with time. The Euroclass classification of product is related to the organic content, which cannot increase with time.

Facings

Facing Material

Expanded metal netting with acoustic panel – Natural, White or Black – behind. Back side: Thin glass fiber tissue.

Colours



Natural grey, NCS



White, NCS S 1000-N



Black, NCS S 9000-N

Edges

Treatment of Edges

On the long sides, the expanded metal is bent over the edge to the back of the panel, and there is a metal sheet under the grid to reinforce the edges.

Installation

Installation to wall either horizontally or vertically with profiles.

Maintenance

Dry cleaning using a soft brush or by vacuum cleaning. Wet cleaning by wiping with a damp cloth or sponge.

Disposal and Recycling

May be used as thermal insulation or taken to a dump. No restrictions.

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