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PARAFON Buller Perform









Certification Number

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

Short Description

PARAFON Perforated Steel Cassette is an effective acoustic panel that has a core of non-combustible mineral wool and shell made of perforated

sheet metal.

Application

Industrial areas and machinery rooms

Usage Conditions

May be used continuously in 95 % relative humidity at a temperature of 30 $^{\circ}$ C, occasionally also at 100 % and 40 $^{\circ}$ C.

Dimensions

Dimensions			
Thickness	Width x Length	Weight	
Cassette Buller Black inside			
Edge A:			
30 mm	592 x 1192 mm	5,1 kg/m²	
50 mm	592 x 1192 mm	6,6 kg/m²	
Cassette Uncoated stone wool absorber inside			
Edge A:			
30 mm	592 x 1192 mm	6,0 kg/m²	
50 mm	592 x 1192 mm	7,0 kg/m²	

Fixed sizes

Packaging

Package Type Pallet

Fire Properties

Reaction to Fire		
Property	Value	According to
D 0 00000		

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Reaction to Fire, Euroclass A1 EN 13964:2014 (EN 13501-1)	Reaction to Fire, Euroclass	A1	EN 13964:2014 (EN 13501-1)
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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 aw, Direct Fixing	30 mm: 0,75	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
	50 mm: 1,00	

Property	Value	According to
Practical Sound Absorption Class	30 mm: C	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
	50 mm: A	

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 Ageing/Degradation does not deteriorate with time. The

Euroclass classification of product is related to the organic content, which cannot increase with time.

Facings

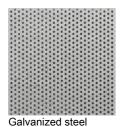
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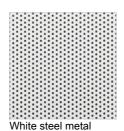
Facing Material



Cassette of 0.5 mm thick perforated sheets, galvanized or white lacquered. Hole diameters of 3 mm, coverage: 15 %. Core of mineral wool with black fiberglass coating (Buller) or as alternative, with uncoated surface.

Colours





Edges

Treatment of Edges

Sheet metal

Installation

Installation to wall either horisontally or vertically with hat profiles.

Maintenance

Using a soft brush, by vacuum cleaning or by wiping with a damp cloth or sponge.

Disposal and Recycling

May be taken to a dump. No restrictions.

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