

PARAFON Buller Solid



Certification Number

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

Short Description

PARAFON Buller Solid is an effective, impact-resistant sound absorber for ceilings and walls in environments with lower aesthetic requirements. The Solid features a reinforced fibreglass fabric surface that can withstand impacts and rough treatment, and is suitable for use in locations such as heated cellar spaces, industrial facilities and sports halls.

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 1200 mm	3,5 kg/m ²
50 mm	1200 x 1200 mm	3,5 kg/m ²
50 mm	1800 x 600 mm	3,5 kg/m ²

Packaging

Package Type

Carton

Fire Properties

Reaction to Fire		
Property	Value	According to
Reaction to Fire, Euroclass	A2 - s1, d0	EN 13964:2014 (EN 13501-1)

Other Fire Properties

Property	Value	According to
Combustibility	Non-combustible	EN ISO 1182

Sound Properties

Acoustic Absorption Index		
Property	Value	According to
Sound Absorption α_w , Direct Fixing	1,00	EN 13964:2014 (EN ISO 354 / EN ISO 11654)
Sound Absorption α_w , Construction Depth 200 mm	1,00	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

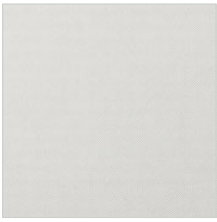
Durability

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

Facings

Facing Material
 White glass fiber, woven. Unevenness an color variation may be present.
 Backside: thin glass fiber tissue.

Colours



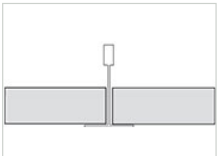
White, NCS S 1002-Y

Edges

Treatment of Edges

Unpainted

Edge Variations



A

Installation

Installation with Armstrong Prelude suspension system. Prelude 35 XL² can be recommended. Can also be installed with washer and screw, MT profile or hat profile.

Suspension Height

Installation with exposed suspension system and removable
 For other installation alternatives, please see separate installation instructions

Tile thickness	Edge A
30 mm	120 mm
50 mm	170 mm
100 mm	250 mm

Minimum construction height using direct fixings is 52 mm.

Minimum suspension height for removal

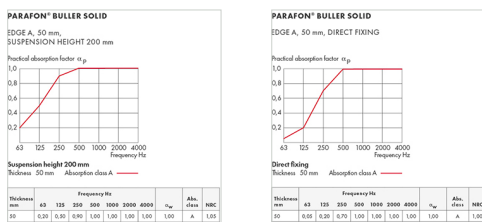
Maintenance

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

Disposal and Recycling

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

Sound Absorption Curves



Head Office: PAROC GROUP, P.O. Box 240 (Energiakuja 3), FI-00181 Helsinki Finland, Tel. +358 46 876 8000, www.paroc.com

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