IAC Impact Resistant Acoustic Panel

IAC Impact Resistant Acoustic Panel are sound-absorbing and impact resistant wall panels for installing directly on walls. The surface is covered with the strong glass-fibre fabric Slugger, which is dirt-repelling and easy to clean. Available in white, grey and black and can be used as a notice board.

Product Description

Facing material:
High quality glass fiber woven surface layer.
White, grey and black color options.

Backside:
Thin glass fiber tissue.

Treatment of edges:
Unpainted.

Edges & Dimensions

Thickness	Width x Length (modular size)	Weight kg/m^2
40	1197 x 2700 mm (fixed size)	4,0

iac acoustics
making the world a quieter place

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Performances

Reaction to fire

A2-s1,d0

According to: EN 13964:2014 (EN 13501-1)

Fire resistance

The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of products is related to the organic content, which cannot increase with time.

Cleaning

May be cleaned using a soft brush, by vacuum cleaning or by wiping with a damp cloth or sponge.

Humidity and sag resistance

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

Visual appearance

Gloss factor:
White: 3
Grey: 3
Black: 1

Light reflectance

White: 83%
Grey: 48%
Black: 5%

Colours

White: NCS S 0502-R50B
Grey: NCS S 2502-G
Black: NCS S 9000-N

Colour codes show the nearest NCS value

Environment & sustainability

Fully recyclable stone wool

Indoor environment

Danish Indoor Climate Labelling class 2.

Installation

Installation with wall U-profiles for top, bottom and edges. Joint between panels can be covered with T-profile or hat profile.

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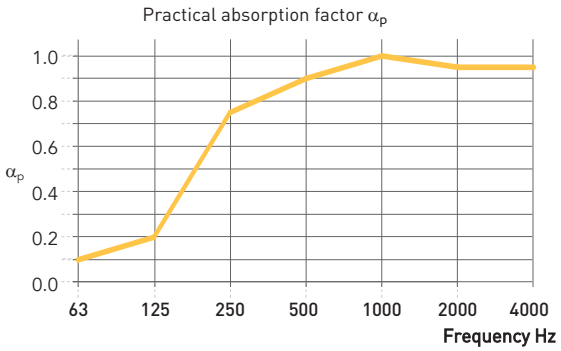
Edge A: 40 mm. Direct Fixing



Direct fixing

Thickness: 40 mm Absorption Class: A

Thickness:	Frequency Hz							α_w	Absorption Class:	NRC
	63	125	250	500	1000	2000	4000			
40 mm	0.10	0.20	0.75	0.90	1.00	0.95	0.95	0.95	A	0.90

Sound absorption

The sound absorption has been measured according to ISO 354. The absorption values and classes are calculated according to ISO 11654. NRC according to ASTM C 423.

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