

# 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.

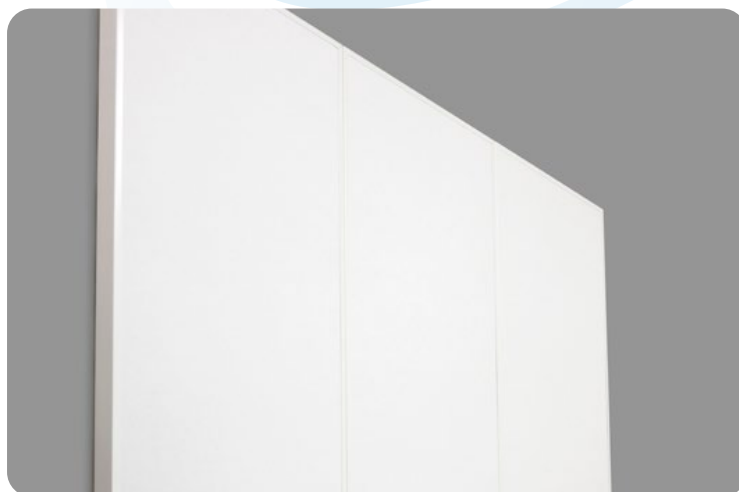
### Backside:

Thin glass fiber tissue.

### Treatment of edges:

Unpainted.

## Edges & Dimensions



| Thickness | Width x Length<br>(modular size) | Weight kg/m <sup>2</sup> |
|-----------|----------------------------------|--------------------------|
| 40        | 1197 x 2700 mm (fixed size)      | 4,0                      |

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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.



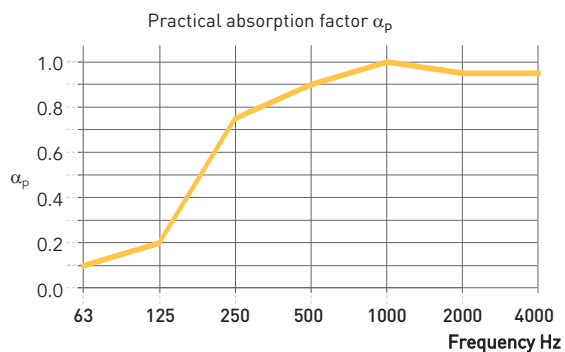
### Installation



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 |      |      |      |      |      |      | $\alpha_w$ | 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.