



# FLOC SOUND PANEL

Ceiling and Wall Applications



## THE BENEFITS OF WOOL

Floc Sound is a high-density fibreglass panel, faced with 100% New Zealand strong wool, a renewable fibre available in a curated range of colours, it offers a natural alternative to synthetic linings, adding warmth, texture and quiet refinement to interior spaces.

Wool can absorb air pollutants (such as formaldehyde, sulfur dioxide and nitrogen oxides) binding to the wools structure. Research indicates that wool used in interior environments may continue to contribute to indoor air quality improvement over many years.

Floc Sound is hypoallergenic - it is resistant to bacteria, mould and mildew that can trigger allergic reactions. It has microscopic pores that respond effectively to changes in humidity.

Sound absorption	Thickness	HZ	125	250	500	1000	2000	4000	$\alpha_w$	NRC
	40 mm	ap	0.20	0.60	0.95	1.00	1.00	1.00	0.90	0.95

\*Tested AS/ISO 354 2006 Type G mounting

## Fire Test

**Fire Test Floc**  
Group 1-S

**Fire Test backing**  
Group 1-S

Tested to ISO 5660.1-2015

Fire treatment is Red List free; some dusting may occur due to the application of fire retardant.

## Standard Sizes

**Thickness**

40 mm

**Sizes**

2212 mm x 1212 mm, 1112 mm x 1112 mm  
(other sizes available)

## Colours



Due to the natural makeup of Floc, organic matter may be present. Please be aware that colour and face finish may vary, as Floc is a natural product.

## Custom Size

**Thickness**

40 mm

**Sizes**

1112 mm x 2212 mm  
(other sizes available)

## Weight

4.8 kg/m<sup>2</sup>

## Density

120 kg/m<sup>3</sup>



**Edge details**

Square edge

**Thermal resistance**0.35 m<sup>2</sup>K/W (calculated)**Custom Digital Printing****Sustainability  
Glasswool**

Recycled product: the rate of pre-consumer recycled content in Phonic fibreglass ceiling tiles is 80%. The recycled content includes 30% industrial waste and 70% civilian used waste, all procured from reclamation depots

**Floc**

Made from 100% New Zealand, strong wool. floc is locally sourced and processed to create a range of sustainable acoustic products.

**VOC****Glasswool**

Tested to ASTM D519-06 standard test method

**Floc**

Total volatile organic compounds 0.0109 mg/m<sup>2</sup>.h  
Tested to ASTM D5116-2017

**Warranty**

10 Year product warranty.

**NZ Building Code**

Exceeds clause B2 - durability, 5 years

Test reports available upon request



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