FLOC COMFORT PANEL

Wall Applications



THE BENEFITS OF WOOL

Floc Comfort 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 Comfort 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.

Floc Comfort is an acoustic panel suitable for any application. Floc Comfort can be installed in new builds or retro fitted to any space where acoustics matter.

Sound absorption

Thickness	HZ	125	250	500	1000	2000	4000	α_w	NRC
25 mm	αp	0.10	0.30	0.75	1.00	1.00	1.00	0.60	0.85

*Tested to AS/ISO 354: 2006 Acoustics-Measurement of sound absorption in a reverberation room, A-mount.

Fire Test

Thickness	Class
25 mm	Group 1-S

Tested to ISO 5660.1-2015 Reaction to fire tests – Heat release smoke production and mass loss rate part 1 (cone calorimeter).

Fire treatment is a natural product, however dust maybe present when product is handled.

Standard Size

Thickness	Sizes
25 mm	1100 mm x 2700 mm Custom sizes available on request

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.

Colours



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Density

120 kg/m³

Edge details	Square edge
Thermal resistance	0.35 m² 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	Floc harnesses the sustainable nature of wool, enhancing its performance for the built environment. At end of life, it can be returned to the earth as the product is full compostable. Made from 100% New Zealand born, grown and processed strong-wool, utilising the by-product of shearing to create a sustainable acoustic wall lining.
Warranty	30 Year product warranty when installed in accordance with NZ1170.5
NZ Building Code	Exceeds clause B2 - durability, 5 years.

*Test reports available upon request

T&R INTERIOR SYSTEMS

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