FLOC ROLL

Acoustic Treatment



THE BENEFITS OF WOOL

Floc Roll is a premier acoustic panel made 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 Roll 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.

Extensive research has gone into developing a product that meets fire regulations for interior linings. The solution gives a Group 1-S (according to ISO 5660 Part 1)

Sound absorption

Thickness	HZ	125	250	500	1000	2000	4000	α_w	NRC
8 mm	αp	0.10	0.10	0.25	0.45	0.70	0.65	0.30	0.40

*Tested AS/ISO 354 2006 Type A mount

Fire Test

Group 1-S

Tested to ISO 5660.1-2015

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

Sizes

Thickness

8 mm

Natural Fibre, tolerance applies

Sizes

1.2 m x 11 m roll

Tolerance +/- 5 mm on width

Colours



Due to the natural makeup of Floc, organic matter may be present. Please be aware that colour variation may occur being a natural product

Weight

1.2 kg/m²

Colour fastness to artificial light (highest = 7)

Colour	Rating
Natural	5-6
Ivory	5-6
Sage	6
Stone	6
Storm	6
Shadow	6
Ebony	5-6

Tested to AS 2001.4.B02-2001 (ISO 105 B02: 1994) standard test method

Colour fastness to rubbing (highest = 5)	**Test**	**Rating**
	Dry	4-5
	Wet	4
	Tested to AS 2001.4.3-1995 standard test method	

Thermal resistance	0.2 m^2K/W (calculated)
Sustainability	Made from 100% New Zealand, strong wool. Floc is locally sourced and processed to create a range of sustainable acoustic products.
VOC Floc	Total volatile organic compound 0.0109 $mg/m^2 h$ 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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