



FLOC 3D

Wool Acoustic Panel



FEATURES

A premier 3D wool acoustic tile that is strong, resilient, innovative and brings together all the goodness of Aotearoa into your space.

Floc 3D is a contemporary and sustainable choice for commercial and residential interiors. The tile is made from 100 % New Zealand strong-wool. The 3D configuration gives exceptional acoustic and wellness benefits to the interior environment. Proudly New Zealand made.

Wool absorbs harmful air pollutants (such as formaldehyde) and does not re-emit them. It has been estimated that wool that is used in interiors can help purify the air for up to 30 years

Wool 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, preventing microorganisms from growing and breeding.

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) performance and doesn't use nasty chemicals. The product is Red List free and can be buried at end of life.

| Sound absorption | Thickness | HZ | 125 | 250 | 500 | 100 | 2000 | 4000 | α_w | NRC |
|------------------|-----------|----|------|------|------|------|------|------|------------|------|
| | 86mm | ap | 0.20 | 0.35 | 0.55 | 0.85 | 0.95 | 0.95 | 0.60 | 0.70 |

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

Fire Test

Class

Group 1-S

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

Sizes

Thickness

86mm

Sizes

510 x 510 mm

Tile Range



Fractile

Colour Range



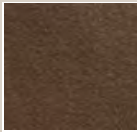
Ivory



Stone



Sage



Truffle



Ebony



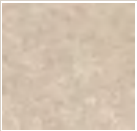
Shadow



Green Tea



Indigo



Sand



Cloud



Olive



Ice



Nutmeg



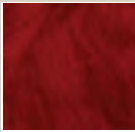
Butterscotch



Lime



Lagoon



Chilli Pepper



Aubergine



Marine

*Minimum order is 6 tiles per colour

Weight

2.05 kg/tile

| | |
|------------------|--|
| Sustainability | <p>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.</p> <p>Made from 100% New Zealand born, grown and processed strong-wool, utilising a co-product of sheep farming to create a sustainable acoustic wall lining</p> |
| Edge Details | Square edge |
| VOC | <p>Total volatile organic compound 0.0109 mg/m² h</p> <p>*Tested to: ASTM D5116-2017 Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Materials/Products. Test report number 1435590.3</p> |
| Warranty | 30 Year product warranty when installed in accordance with NZ1170.5 |
| NZ Building Code | Exceeds clause B2 - durability, 5 years |

*Due to the natural makeup of Floc, organic matter may be present
*Test reports available upon request



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