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**Armstrong**<sup>®</sup>  
CEILING SOLUTIONS

# FLOC Roll

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100% Wool Acoustic Wall Treatment





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Made from 100% New Zealand strong-wool, Floc helps to increase acoustic comfort within commercial interior spaces.

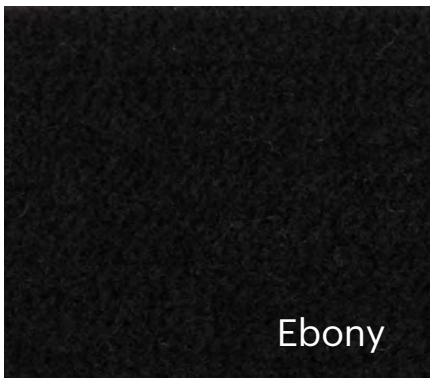
## The Benefits of Wool

- The unique beneficial properties of wool have never been synthetically reproduced.
- Research by AgResearch has revealed that wool absorbs harmful air pollutants (such as formaldehyde, sulfur dioxide and nitrogen oxides) and does not re-emit them. It has been estimated that wool which is used in interiors can help purify the air for up to 30 years.
- Floc 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.
- A by-product of ethical farming practices in New Zealand ensures the supply of quality strong-wool.
- Using Floc is a renewable, biodegradable and natural choice which provides naturally air filtering, heat and moisture regulating properties.
- Extensive research has gone into developing a product that meets fire regulations for interior linings. The solution gives a AS 5637.1:2015 – Group 1 and Group 1-S (according to ISO 5660 Part 1) performance and doesn't use harmful chemicals. The product is Red List free and can be buried at end of life.
- EPD certified.





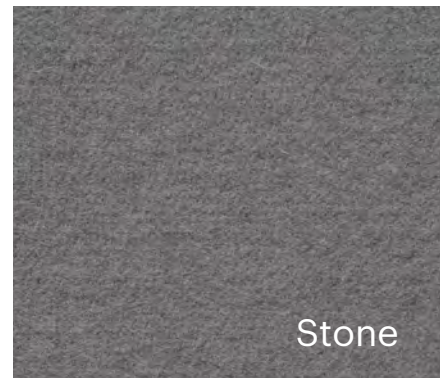
## Ex Stock Colours



Ebony



Ivory



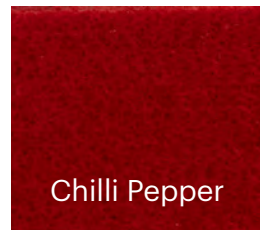
Stone

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

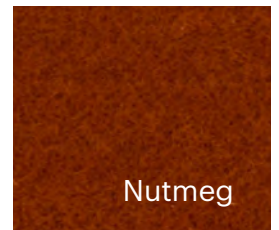




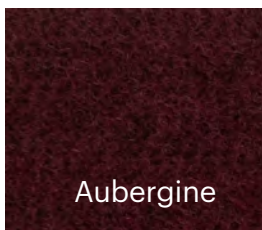
# Custom Colours



Chilli Pepper



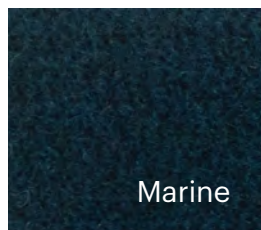
Nutmeg



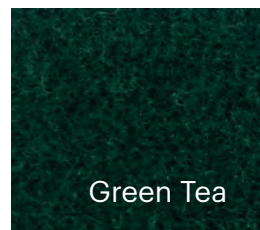
Aubergine



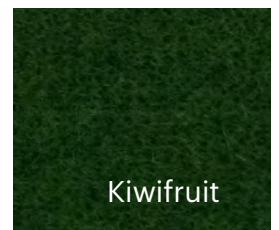
Indigo



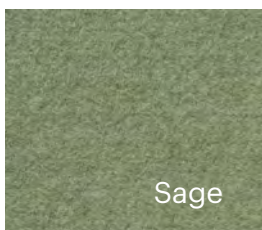
Marine



Green Tea



Kiwifruit



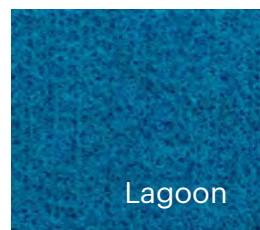
Sage



Olive



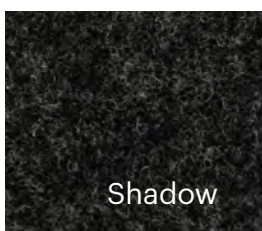
Lime



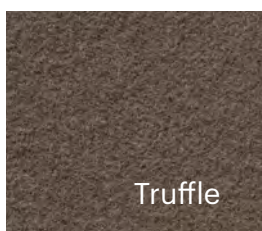
Lagoon



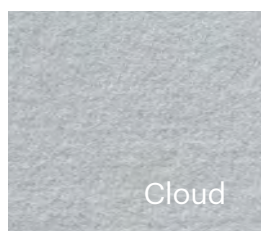
Ice



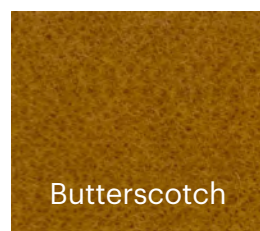
Shadow



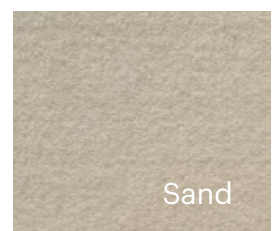
Truffle



Cloud



Butterscotch



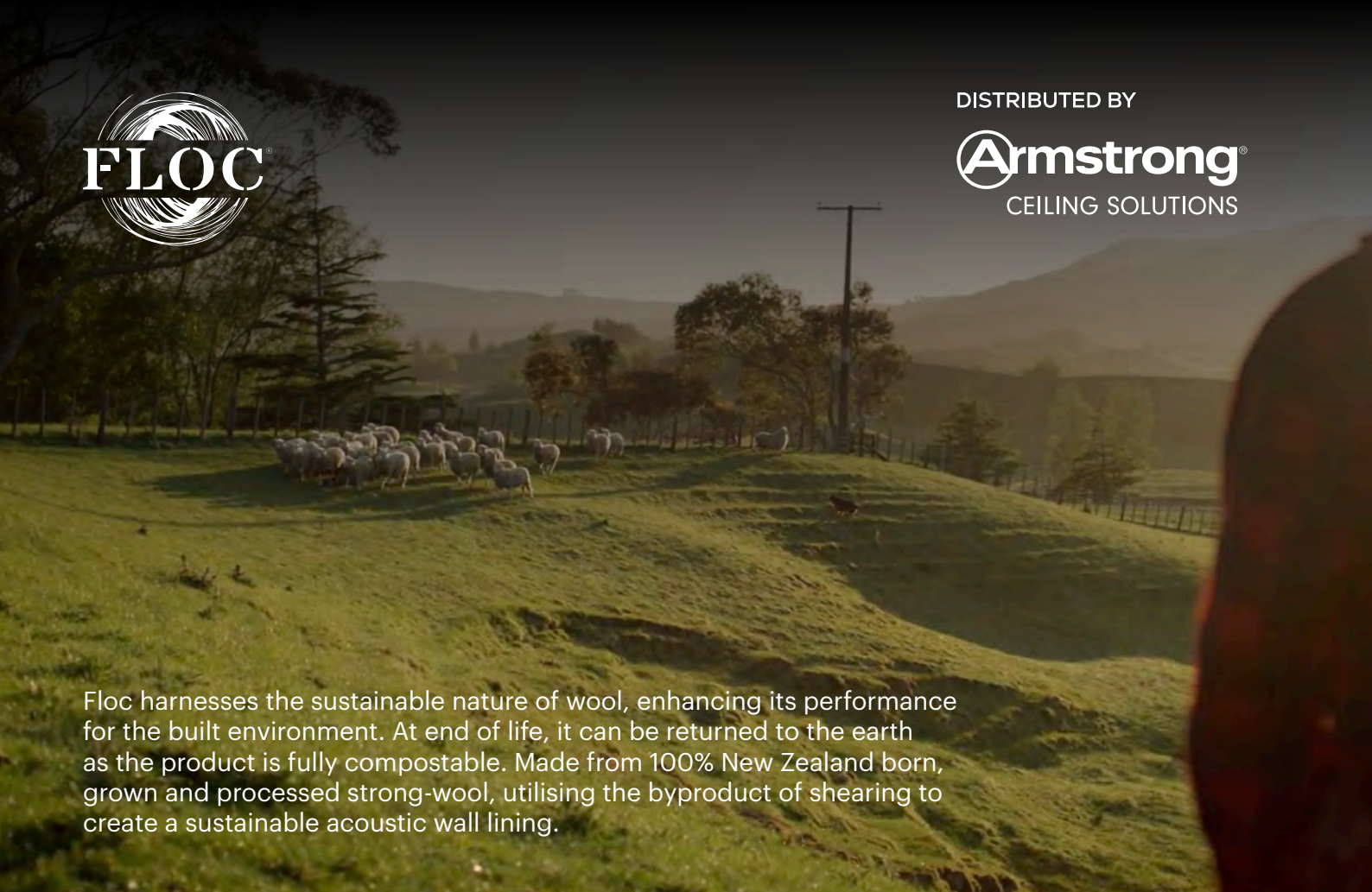
Sand

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





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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 fully compostable. Made from 100% New Zealand born, grown and processed strong-wool, utilising the byproduct of shearing to create a sustainable acoustic wall lining.

### Sound Absorption

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

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

### Fire Test

#### Thickness

6-8 mm

Fire treatment is a natural product, some dusting may occur due to the application of fire retardant.

Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S.

### Sizes

#### Thickness

8 mm

\*Natural Fibre, tolerance applies

#### Roll size

1.2 x 11 m roll

Tolerance +/- 5 mm on width





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**Colour fastness to artificial light (highest = 7)**

Colour	Rating
Natural	5-6
Ivory	5-6
Sage	6
Stone	6
Storm	6
Shadow	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<sup>2</sup>K/W (calculated)

**Weight**

1.4kg/m<sup>2</sup>

**Installation**

Floc Roll is directly applied to wall surfaces. Please ensure that both wall and Floc roll surface areas are clean, dry and free of moisture and contaminants before application. Apply Tensorgrip x41 adhesive evenly across both surfaces, wait for adhesive to 'flash off' before applying Floc Roll to the wall.

Please see our installation guide for full details.



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1st April, 2026

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