



## FLOC PANEL

Woollen Acoustic Panel



High Absorption



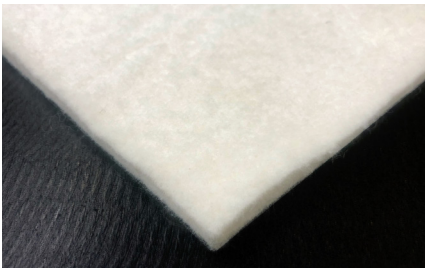
Lightweight



New Zealand Strong Wool



Fire Test Group-15



## PRODUCT SUMMARY

Premier acoustic panels made from needle punched New Zealand strong-wool. Floc harnesses the sustainable nature of wool, adding multiple health, wellness and acoustic benefits to commercial interior environments.

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 by-product of shearing to create a sustainable wall lining.

- 1.2 x 25.0m L/M Rolls and cut to length available on request.
- Nom. 6-8mm panel thickness.
- Group 1-S Fire Test.
- Colours: Available in a range of neutrals and dyed wool- ex stock.
- Custom colour matches available- MOQ applies.
- Patterns: Printed patterns available- provide project specific patterns.
- Offers the acoustic and wellness benefits of wool used in indoor environments.

*\*Due to the natural makeup of Floc, organic matter may be present.*



## FLOC PANEL


Woollen Acoustic Panel



### 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, sulphur 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.
- 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.
- A by-product of ethical farming practices in New Zealand ensures the supply of quality strong-wool.
- Using wool 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 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.

GENERAL TEST DESCRIPTION	RESULT	TEST METHOD
Absorption (Direct Fix) (ISO 354)	NRC 0.4 $\alpha$ W 0.3 SAA 0.54	ASTM C423-99 ISO 11654: 1997 ASTM C423
Fire Test - ISO 5660 Part 1	Group 1-S 	Cone Calorimeter NZBC C/VM2 Appendix A
British Standard 476	S (Fire Propagation Index): 4.9 Spread of Flame: Nil (Class 1)	BS 476 : Part 6 BS 476 : Part 7
Size	1.2 x 25.0m L/M Rolls and cut to length available on request.	
Weight	1.4kg/m <sup>2</sup>	
Patterns	Printed patterns available- provide project specific patterns.	
Substrate Options	Can be fixed directly onto plasterboard, plywood and particle board using an environmentally friendly glue. Other options are available, talk to us to discuss these.	

### EX STOCK COLOURS

