



FLOC TEARDROP


ACOUSTIC BAFFLE

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 Teardrop 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 Teardrop is a renewable, biodegradable and natural choice which provides natural 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)

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Fire Test	Thickness 6-8 mm	Class Group 1-S
	Fire treatment is a natural product, some dusting may occur due to the application of the fire retardant.	
	*Tested to ISO 5660.1-2015 Reaction to fire tests – Heat release smoke production and mass loss rate part 1 (cone calorimeter).	
Standard sizes	Thickness 6-8 mm	Length Maximum length of 2500 mm
		
Weight	1.4 kg/m ²	
Density	200 kg/m ³	
Thermal resistance	0.2 m ² K/W (calculated)	
Sustainability		
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	
VOC	Total volatile organic compound 0.0109 mg/m ² .h	
Floc	*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	
Warranty	10 Year product warranty when installed in accordance with NZ1170.5	
NZ Building Code	Exceeds clause B2 - durability, 5 years	

*Test reports available upon request