# FLOC TEARDROP

## Acoustic Baffle



## THE BENEFITS OF WOOL

Floc Teardrop uses 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 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.

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

| HZ | 125 | 250 | 500 | 1000 | 2000 | 4000 | $\alpha_w$ | NRC |
|---|---|---|---|---|---|---|---|---|
| αp | 0.50 | 0.55 | 0.65 | 0.75 | 0.85 | 0.90 | 0.75 | 0.70 |

*Tested at 150 mm spacing
*Tested AS/ISO 354 2006 Type | mounting.

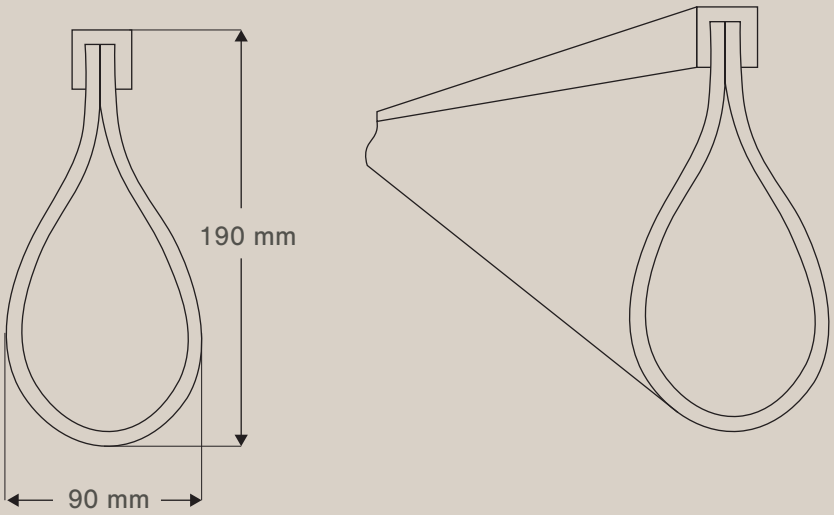
## Fire Test

Based on 8 mm Floc
Group 1-S (Tested to ISO 5660.1-2015)

Fire treatment is Red list free: some dusting may occur due to the application or hre retardant.

## Standard Sizes

| Depth | Width at bulge | Length |
|---|---|---|
| 190 mm (standard) | 90 mm | 2400mm (maximum) |




## Weight

1.075 kg/lm

## Sustainability Floc

Made from 100% New Zealand, strong wool. Floc is locally sourced and processed to create a range of sustainable acoustic products.

## Colours




Due to the natural makeup of Floc, organic matter may be present. Please be aware that colour and face finish may vary, as Floc is a natural product.

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**VOC**
**Floc**

Total volatile organic compound 0.0109 mg/m$^2$ h

*Tested to ASTM D5116-2017

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**Warranty**

10 Year product warranty when installed in accordance with NZ1170.5

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**NZ Building Code**

Exceeds clause B2 - durability, 5 years

*Test reports available upon request

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