

The Gibbon Group logo features the words "gibbon" and "group" stacked vertically in a lowercase, sans-serif font. A thin orange line curves around the right side of the text, starting from the top left and ending at the bottom right.

gibbon
group

**tretford 2m
carpet roll**

gibbongroup.com.au/tretford-roll

ARCHITECTURAL | FLOORING SOLUTIONS

Supporting the
collective creating
inspiring spaces

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tretford carpet roll technical specs

Within Australia **1300 245 404**

THERMAL TRANSMISSION PROPERTIES (BS 4745:1971)

Thermal resistance: 1.76 togs

Thermal conductance: 5.68 W/m²·°C

Thermal conductivity: 4.99 Wcm/m²·°C

Conclusion: Satisfactory thermal properties for normal underfloor heating.

ELECTRICAL PROPERTIES / STATIC

IBM and ICL Electrical Resistance: Tested at 40% RH and 20°C and passed.

Recommendation: To prevent discomfort a minimum of 40% RH should be maintained.

LOSS IN THICKNESS AFTER DYNAMIC LOADING (BS4052:1987)

Thickness loss (%) after 1000 Impacts: 13.33%

COLOUR FASTNESS (BS 1006: 1990)

To light - colour change: 5-6 very slight to none

To water spotting - colour change: 4 very slight

To carpet shampoo - colour change: 3-4 slight

To rubbing - colour change: 4 very slight

IMPACT INSULATION (BS 2750: 1980)

Centre band frequencies (Hz)	200	400	800	1000
Test 1 bare concrete (dB)	66	69	71	71
Test 2 bare concrete with tretford (dB)	57.2	45.5	33.7	25.6
Regulation Requirements (dB)	66	66	64	63

Conclusions: This carpet meets the requirements of the building regulations by a useful margin.

SOUND ABSORPTION (BS EN 20354: 1993)

Noise reduction coefficient (250-2,000Hz) is 0.21

	130	255	515	1025	2025	4075	Hz
Carpet	0.01	0.03	0.10	0.27	0.42	0.41	Coefficient of absorption

