

TECHNICAL INFORMATION

DESCRIPTION

tretford Tile is made from carded fibres formed into a continuous corrugation and bonded to a PVC backing.

MATERIALS

Pile composition of carpet: 70% Goat Hair (512 Dapple Grey, 538 Silver Birch and 587 Double Cream are manufactured using undyed goat hair), 30% Nylon.

WARRANTIES

Wear Guarantee and a Lifetime Anti-Ravel/Non-Zipper Guarantee
BS EN1307:2005 Class 33 LC2 Contract Wear

DIMENSIONS & WEIGHT

Size: 50cm x 50cm
Packing: 5M² (squared) per box
Thickness: 8mm
Weight: ca. 5kg / sq.m

FLAMMABILITY

BS 4790:1987 Mean radius of burning: 25mm Class: low
BS EN ISO 11925:2002, BS EN ISO 9239-1: Euroclass C_s-s1
Critical radiant flux tests: ANSI/ASTM E6/48 result category 1
AS ISO 9239.1-2003: CHF value: mean 7.2 kW/m² direct stick.
Conclusion: Suitable for all commercial / contract installations including Institutional, Commercial and Public Buildings.

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 200C - Passed
Recommendation: To prevent discomfort a minimum of 40% RH should be maintained.

LOSS IN THICKNESS AFTER DYNAMIC LOADING (BS 4052:1987)

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 (250-2,000 Hz) is 0.21

	130	255	515	1025	2025	4075	Hz
Carpet	0.01	0.30	0.10	0.27	0.42	0.41	Coefficient of absorption

MOTHPROOFING (BS 4797:1972) (SIS 650220)

tretford is moth-resistant to European Standards.

CASTOR CHAIR PROTECTORS

Recommended with 3★ colours. Mandatory with 1★ and 2★ colours.

MAINTENANCE

Please see the **tretford** website or your local distributor for maintenance information.

COUNTRY OF MANUFACTURE

Germany

OTHER PRODUCT FORMATS

tretford ROLL

Please note: we reserve the right to make technical improvements.

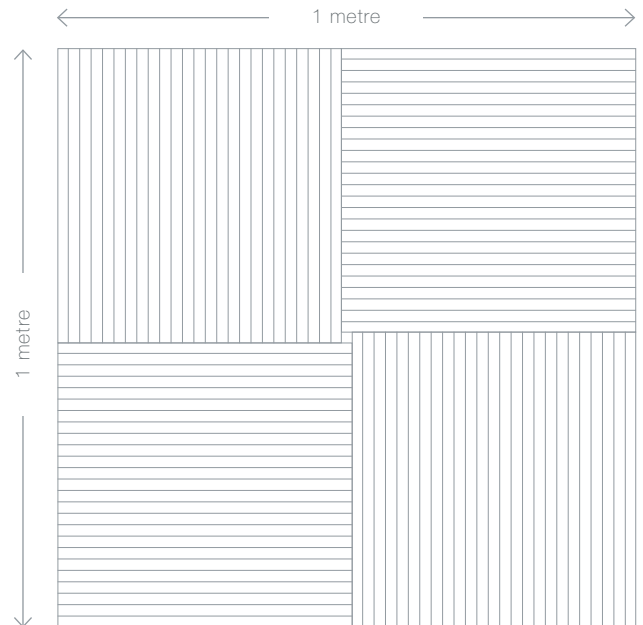
TILE INSTALLATION INSTRUCTIONS

Laying should commence as near as possible to the centre of the room, with a square of 4 tiles. All tiles should be tessellated i.e. laid at right angles to each other. Tiles should appear to be offset against tiles laid in the same direction (see diagram). The outside of the square must however be straight and measure 1 metre on all 4 sides.

In contract situations, we recommend tiles are secured using Mapei Eco 800 (low VOC) pressure sensitive, located in such a way as to form a stress pattern. When installing tiles we recommend a peelable or release adhesive.

In residential situations tiles may be loose laid.

NOTE: Laying the 4 tiles in 1M x 1M squares helps to avoid any problems or confusion caused by the optical illusion evident at the intersection of the 4 tiles. This diagram is not to scale and is for illustrative purposes only.



tretford®



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ROLL FORMAT

tretford cord carpet in roll format is produced in 48 stunning colours.

Refer to the **tretford** ROLL architectural folder or website: www.gibbongroup.com.au

ENVIRONMENTAL STATEMENT

Natural fibres, renewable raw materials, improved IAQ, less noise, higher productivity, environmental responsibility at our core. Vibrant colours, clean lines, underfoot comfort and warmth... improving well-being for all.

