

TECHNICAL INFORMATION

tretford roll

DESCRIPTION

tretford Roll is made from carded fibres formed into a continuous corrugation and bonded with PVC or 100% natural latex to a hessian backing. Standards quoted below are for PVC bonded carpet.

MATERIALS

Pile composition of carpet: 80% Goat Hair (512 Dapple Grey, 538 Silver Birch and 587 Double Cream are manufactured using undyed goat hair), 15% Nylon, 5% Viscose.

WARRANTIES

Wear Guarantee and a Lifetime Anti-Ravel/Non-Zipper Guarantee.
BS EN 1307:2005 Class 33 LC2 Contract Wear

DIMENSIONS & WEIGHT

Roll Width: 2m wide (ribs run across 2m width)

Roll Length. 25m approx

Thickness: ca. 7mm

Weight: ca 2.75kg / 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_{fi}-s1

Critical radiant flux tests: ANSI/ASTM E648 result category 1

AS ISO 9239.1-2003. Direct Stick - CHF value: mean 7.2 kW/m².

Dual bond - CHF value: mean 5.7 kW/m².

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 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

MOTHPROOFING (BS 4797:1972) (SIS 650220)

tretford Roll is moth-resistant to the following standards:

European Standards

Australian Woolmark Levels 1 to 5

New Zealand Woolmark WoNZ R1 to R3.

CASTOR CHAIR PROTECTORS (for appearance retention purposes)

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

MAINTENANCE

Please refer to our website www.tretford.com

COUNTRY OF MANUFACTURE

Republic of Ireland

OTHER PRODUCT FORMATS

tretford TILE (available in 35 stunning colours)

tretford EVER

Contact your local distributor to request architectural folders of either of the above product formats or visit our website www.tretford.com for further information.

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