




INTERIOR ACOUSTICS

FELT

MANUFACTURERS GUARANTEE

Felt is manufactured by Autex Industries Ltd under ISO 9001 certified Quality Management system. This product is guaranteed to be free from manufacturing defects and carries a Manufacturer's Guarantee for a period of no less than ten years to meet all the performance properties stated within this guarantee.

Product Name Felt
Description 100% polyester needle punched, thermally bonded wallcovering

AUTEX 	METRIC	IMPERIAL
Roll Width	1.3m	51"
Thickness	2 - 3mm	0.08" - 0.12"
Weight	Typically 300gsm	Typically 0.98oz/ft ²

LIGHT REFLECTIVE VALUES BY COLOUR

Opera	49
Savoye	47
Rosada	45
Acros	42
Beehive	32
Flatiron	25
Empire	6
Pinnacle	3
Tree House	3

LRVs were measured in accordance with BS 8493:2008+A1:2010

FIRE RATINGS

Felt has been evaluated using the following test methods

ISO 9705:1993

Classification: Group 1-S

Smoke Production Rate: <5.0m²/s

As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 1

(SMOGRARC): <100m²/s²

Assessed using methodology AS ISO 9705 - 2003 in accordance with

AS 5637.1:2015, as required by BCA Specification C1.10.4 FAR 4055

VOC EMISSIONS

Autex polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered as a low VOC product.

VOC concentration: 0.009 mg/m³ (7 days)

WATER VAPOUR SORPTION

ASTM C1104 / C1104M-13a

Test conditions: 49°C, 95%RH

Water vapour absorbed and adsorped after 4 days: 0.4% by weight

MICROBIAL RESISTANCE

ASTM G21-15

Growth Rating: 0 (No growth)

Felt does not promote the growth of moulds and mildew

COLOUR FASTNESS TO LIGHT

Felt is suitable for indoor use only. Light fastness is dependent on use and exposure. Felt has been evaluated to the following standard:

ISO 105-B02:2014

Rating: 6 (Highest = 7)

COLOUR FASTNESS TO RUBBING

ISO 105-X12:2016

Dry Rating: 4-5 (Highest = 5)

Wet Rating: 4-5 (Highest = 5)

ABRASION RESISTANCE

Martindale Method (ISO 12947-1:1998, AS 2001.2.25.1:2006, TWC/WNZ TM 112)

Result: No breakdown, no colour change (Grey Scale 3), no change in appearance after 40,000 cycles. Felt achieves a BS 2543:2004 fabric classification of 'Severe Contract' which is considered suitable for heavy commercial use.

FABRIC CARE

Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution. Custom printed Felt requires the services of a specialist cleaning company. Refer to the Felt Cleaning and Maintenance Guide for more information.