

# Felt

# Data Sheet

Product overview

Felt is a refined, decorative, flat pile wallcovering made from 100% polyester fibre. Multi-purpose by design, Felt can be applied as a wallcovering, acoustic treatment overlay, and furnishing fabric.

# Specification

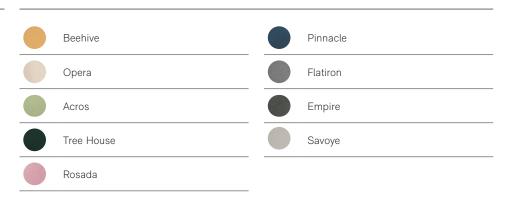
(Wall) treatment shall be Felt from non-woven needle-punched polyester containing not less than 60% recycled material as manufactured by Autex www.autexglobal.com

Roll 2 - 3 mm (nom.) depth, colour (\_), Fire Rating ISO 9705: Classification: Group 1-S, AS ISO 9705 - 2003 Classification: Group 1

Install as per Autex Acoustics recommendations.

If Felt is to be specified for use other than as a wallcovering, please seek guidance from your account manager.

# Colour options



# Product specifications

Product name Felt

Thickness 2 - 3 mm Weight 300 gsm

Other widths are available on request, minimum order quantity applies

# Installation

Install as per the Autex Acoustics recommendations. Felt is a durable and hard-wearing wallcovering suitable for furnishing. markets. However, it is not intended for use in applications such as seating or cushion covering as the material can crease and bulge, which may affect the finish. Please contact your account manager to discuss your intended application prior to use if you are unsure.



# Product specifications

# 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 5637:2015, as required by BCA Specification C1:10-4 FAR 4055

#### VOC emissions

Autex Acoustics polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered 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.

### Pattern repeat

Non-woven. No pattern repeat but product has directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up, which is an inherent feature of this product.

# 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 Care and Maintenance Guide for more information.

#### Environmental

Autex Acoustics is committed to best practice through our ISO 14001 certified Environmental Management Systems.

Felt contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Felt is manufactured from 100% polyester fibre and does not contain formaldehyde binders. Autex Acoustics polyester fibre supports safer indoor air quality and will not become a potential airborne pollutant.

#### Service

For further information about Felt or any other Autex Acoutics product, please contact your account manager or visit our website.

# Light reflectance values by colour

Felt is suitable for indoor use only. LRVs were measured in accordance with BS 8493:2008+A1:2010

Opera	49
Savoye	46
Rosada	45
Acros	40
Beehive	33

Flatiron	24
Empire	5
Pinnacle	3
Tree House	3



# Caring for the environment

Felt is manufactured using 100% polyester fibre and contains a minimum of 60% recycled fibre (from PET plastics). Our products are designed to be recycled at the end of their life too.

We have continual improvement programmes in which we implement a range of initiatives to mitigate the environmental 'hotspots' that we have identified. Our products are GreenRate Level A, Health Product Declaration (HPD), and CDHP Standard certified.

Felt is DeclareSM certified to be Red List free and can be used in Living Building Challenge projects. Autex has a high functioning Environmental Management System (ISO 14001) to enhance our environmental performance and contribute to sustainable development.











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