



**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](http://www.autexglobal.com)

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.

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

**Colour options**

	Beehive		Pinnacle
	Opera		Flatiron
	Acros		Empire
	Tree House		Savoye
	Rosada		

**Product specifications**

<b>Product name</b>	Felt
<b>Composition</b>	100% polyester fibre
<b>Roll dimensions</b>	1.3 m x 50 m
<b>Tolerance</b>	(+ 5 mm) x (+ 10 mm)
<b>Thickness</b>	2 - 3 mm
<b>Weight</b>	300 gsm

**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.

Other widths are available on request, minimum order quantity applies



## Product specifications

### Fire ratings

Felt has been evaluated using the following test methods

#### ISO 9705:1993

Classification: Group 1-S  
Smoke production rate:  
<5.0m<sup>2</sup>/s  
As required by NZBC C/VM2

#### AS ISO 9705 - 2003

Classification: Group 1  
(SMOGRARC): <100m<sup>2</sup>/s<sup>2</sup>  
Assessed using methodology  
AS ISO 9705 - 2003 in accordance with AS  
56371:2015, 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/m<sup>3</sup> (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 Acoustics  
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	Flatiron	24
Savoye	46	Empire	5
Rosada	45	Pinnacle	3
Acros	40	Tree House	3
Beehive	33		



## 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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