

ECOfelt
Soundabsorbing Felt Covering

asset
space becomes place



NAME:

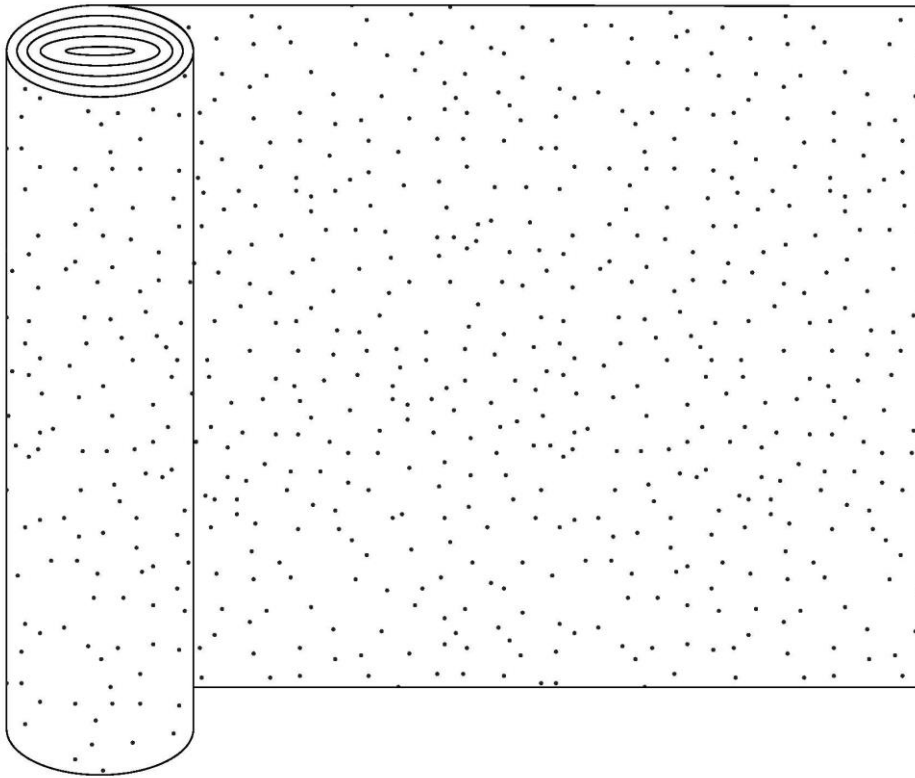
ECOfelt

DESCRIPTION:

Sound-absorbing and anti-reverberation layers

APPLICATIONS:

- Wall with glue or double sided tape
- Ceiling with glue or double sided tape
- Furniture with glue or double sided tape
- Upholstery, panels
- Curtains



DIMENSIONS:

- Length (min.) **2500** x H \pm **146** cm x THK **1,5 | 3 | 4,5 | 6 | 8** mm
- Length (min.) **984.25** x H **57.5** in x THK **0.06 | 0.12 | 0.18 | 0.24 | 0.32** in

NOTE: *Custom cuts on request*

ECOfelt 4,5 mm (0.18 in), NO minimum length 2500 cm (984.25 in)

WEIGHT:

| Thickness (+/-) | Weight |
|-----------------------------------|--|
| • 1,5 mm (0.06 in) | 420 gr/mtl - 0.28 lb/ft |
| • 3 mm (0.12 in) | 820 gr/mtl - 0.55 lb/ft |
| • 4,5 mm (0.18 in) | 1200 gr/mtl - 0.80 lb/ft |
| • 6 mm (0.24 in) | 1630 gr/mtl - 1.09 lb/ft |
| • 8 mm (0.32 in) | 2000 gr/mtl - 1.34 lb/ft |

COMPOSITION:

- **ECOfelt** - 90% wool, 10% polyester

COLOR DIFFERENCES:

Slight differences between dyeing lots are considered normal

INSTALLATION ADVICE:

Slalom recommends installers with at least 4 years of experience in the installation of upholstery products

- **1,5 mm (0.06 in)**: ONLY for upholstery
- **3 mm (0.12 in)**: for surfaces, ONLY for very experienced installers
- from **4,5 mm (0.18 in)**: for surfaces

RECYCLABILITY:

Textile ecology of natural wool felts, recyclable in respect of the environment

MAINTENANCE:

Regularly and carefully use the vacuum cleaner with a smooth spout, or use soft bristle brushes or professional pads for padding and upholstery



CERTIFICATIONS:

• **FIRE REACTION CLASS UE:**

B-s2, d0 - *OPTIONAL*



• **FIRE REACTION CLASS USA:**

Class A - ASTM E 84-18 - *OPTIONAL*



• **SOUND ABSORPTION REPORT:**

UNI EN ISO 354: 2003

UNI EN ISO 11654: 1998

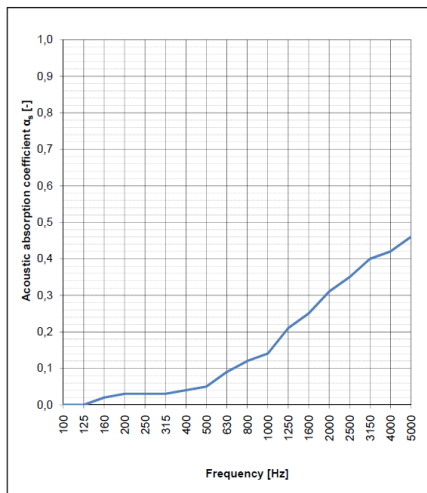


Felt (THK 3 mm | 0.12 in):

Sample description: Fabric for surface, wall ceiling furniture application, Model " Feltro 3 mm"
Mounting Type: A

Sample area: 11.30 m²
Reverberation room volume: 161.3 m³

| f [Hz] | αs [-] |
|-----------|--|
| Frequency | Acoustic absorption coefficient values |
| 100 | 0.00 |
| 125 | 0.00 |
| 160 | 0.02 |
| 200 | 0.03 |
| 250 | 0.03 |
| 315 | 0.03 |
| 400 | 0.04 |
| 500 | 0.05 |
| 630 | 0.09 |
| 800 | 0.12 |
| 1000 | 0.14 |
| 1250 | 0.21 |
| 1600 | 0.25 |
| 2000 | 0.31 |
| 2500 | 0.35 |
| 3150 | 0.40 |
| 4000 | 0.42 |
| 5000 | 0.46 |



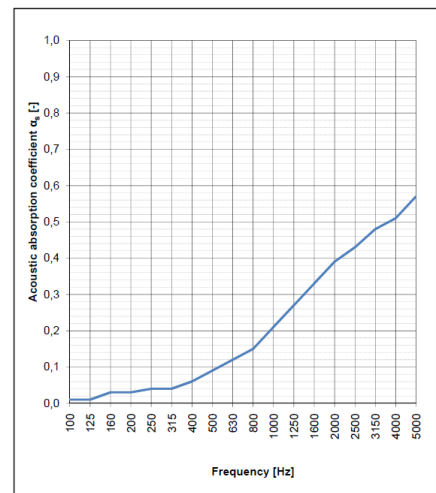
Evaluation based on laboratory measurement results by means of a technical method.

Felt (THK 4,5 mm | 0.18 in):

Sample description: Fabric for surface, wall ceiling furniture application, Model " Feltro 4.5 mm"
Mounting Type: A

Sample area: 11.52 m²
Reverberation room volume: 161.3 m³

| f [Hz] | αs [-] |
|-----------|--|
| Frequency | Acoustic absorption coefficient values |
| 100 | 0.01 |
| 125 | 0.01 |
| 160 | 0.03 |
| 200 | 0.03 |
| 250 | 0.04 |
| 315 | 0.04 |
| 400 | 0.06 |
| 500 | 0.09 |
| 630 | 0.12 |
| 800 | 0.15 |
| 1000 | 0.21 |
| 1250 | 0.27 |
| 1600 | 0.33 |
| 2000 | 0.39 |
| 2500 | 0.43 |
| 3150 | 0.48 |
| 4000 | 0.51 |
| 5000 | 0.57 |



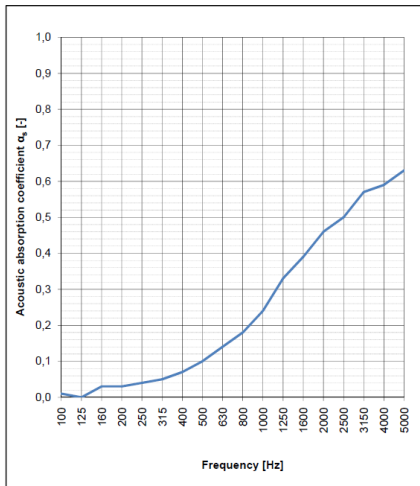
Evaluation based on laboratory measurement results by means of a technical method.

Felt (THK 6 mm | 0.24 in):

Sample description: Fabric for surface, wall ceiling furniture application, Model "Feltro 6 mm"
Mounting Type: A

Sample area: 11.52 m²
Reverberation room volume: 161.3 m³

| f [Hz] | α_s [-] |
|-----------|--|
| Frequency | Acoustic absorption coefficient values |
| 100 | 0.01 |
| 125 | 0.00 |
| 160 | 0.03 |
| 200 | 0.03 |
| 250 | 0.04 |
| 315 | 0.05 |
| 400 | 0.07 |
| 500 | 0.10 |
| 630 | 0.14 |
| 800 | 0.18 |
| 1000 | 0.24 |
| 1250 | 0.33 |
| 1600 | 0.39 |
| 2000 | 0.46 |
| 2500 | 0.50 |
| 3150 | 0.57 |
| 4000 | 0.59 |
| 5000 | 0.63 |



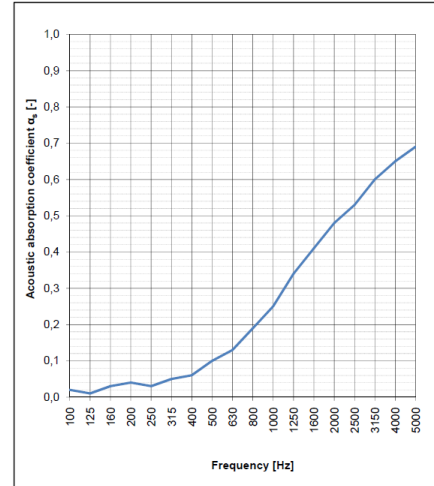
Evaluation based on laboratory measurement results by means of a technical method.

Felt (THK 8 mm | 0.32 in):

Sample description: Fabric for surface, wall ceiling furniture application, Model "Feltro 8 mm"
Mounting Type: A

Sample area: 11.34 m²
Reverberation room volume: 161.3 m³

| f [Hz] | α_s [-] |
|-----------|--|
| Frequency | Acoustic absorption coefficient values |
| 100 | 0.02 |
| 125 | 0.01 |
| 160 | 0.03 |
| 200 | 0.04 |
| 250 | 0.03 |
| 315 | 0.05 |
| 400 | 0.06 |
| 500 | 0.10 |
| 630 | 0.13 |
| 800 | 0.19 |
| 1000 | 0.25 |
| 1250 | 0.34 |
| 1600 | 0.41 |
| 2000 | 0.48 |
| 2500 | 0.53 |
| 3150 | 0.60 |
| 4000 | 0.65 |
| 5000 | 0.69 |



Evaluation based on laboratory measurement results by means of a technical method.



Beige 952



Yellow 34



Quartz rose 940



Acid green 611E



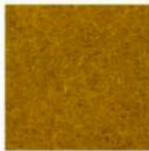
Fresh air 976



Ghost white 955



Caramel 332E



Mustard 54



Salmon 317



Cashmere green 89



Salvia green 334E



Chalk 327



Mushroom 325



Cob orange 997



Blossom pink 335



Leaf green 910



Light blue 914



Grey 953



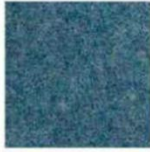
Chocolate 352



Orange 971



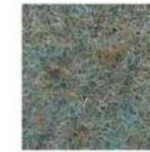
Pink 988



Avio 333E



Sky blue 942



Mineral blue 311



Taupe 511



Red 5



Violet 921



Lagoon 608



Blue yonder 200



Moonstone 512



Brown 605



Marsala 973



Purple 508



Peacock blue 962



Honolulu blue 607



Ink 329



Dark musk 22



Bordeaux 192



Grape 603



Blue 193



Deep sea blue 963



Dark grey 923

