**NAME:**

ECOfelt

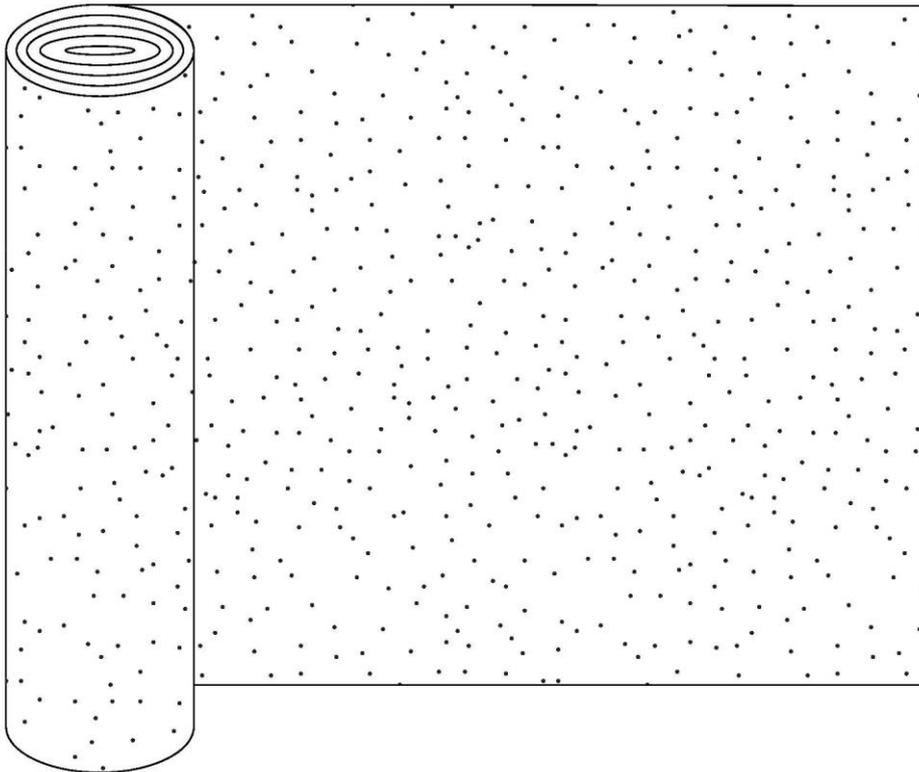**DESCRIPTION:**

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 **150** cm x THK **1,5 | 3 | 4,5 | 6 | 8** mm
• Length (min.) **984.25** x H **59** 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 - **0.92** lb/ft |
| • **3**   mm (**0.12** in) | **820** gr/mtl – **1.8** lb/ft |
| • **4,5** mm (**0.18** in) | **1200** gr/mtl – **2.6** lb/ft |
| • **6**   mm (**0.24** in) | **1630** gr/mtl  - **3.6** lb/ft |
| • **8**   mm (**0.32** in) | **2000** gr/mtl  - **4.4** 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*

**• GREEN LABELS:**

GREENGUARD
GREENGUARDGOLD

**• SOUND ABSORPTION REPORT:**

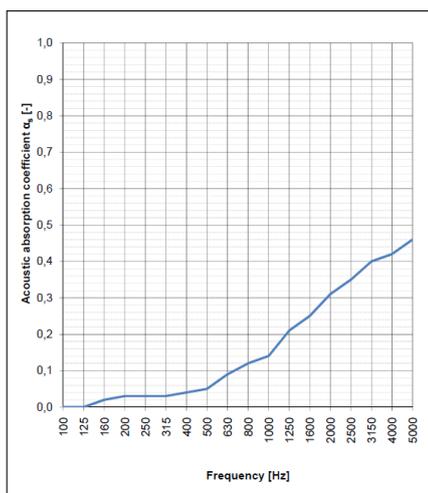UNI EN ISO 354: 2003
UNI EN ISO 11654: 1998

### 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] Frequency | αs [-] 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

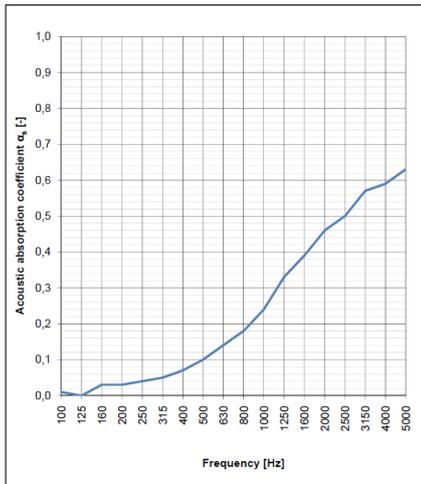| f [Hz] Frequency | αs [-] Acoustic absorption coefficient values |
|---|---|
| 100 | 0.01 |
| 125 | 0.01 |
| 160 | 0.03 |
| 200 | 0.03 |
| 250 | 0.04 |
| 315 | 0.04 |
| 400 | 0.06 |
| 500 | 0.09 |
| 630 | 0.12 |
| 800 | 0.15 |
| 1000 | 0.21 |
| 1250 | 0.27 |
| 1600 | 0.33 |
| 2000 | 0.39 |
| 2500 | 0.43 |
| 3150 | 0.48 |
| 4000 | 0.51 |
| 5000 | 0.57 |
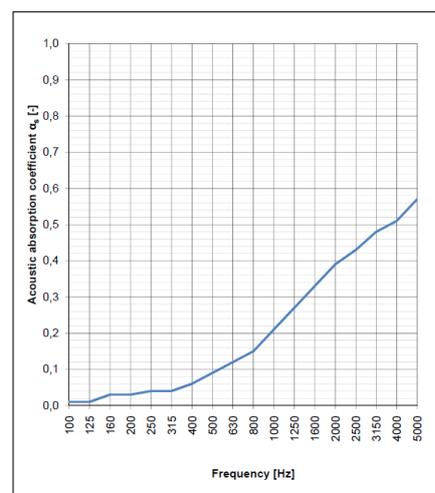
Evaluation based on laboratory measurement results by means of a technical method.

## 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] Frequency | αs [-] 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] Frequency | αs [-] 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 |
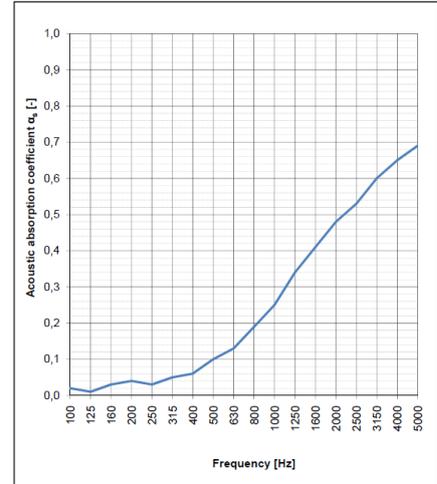
Evaluation based on laboratory measurement results by means of a technical method.
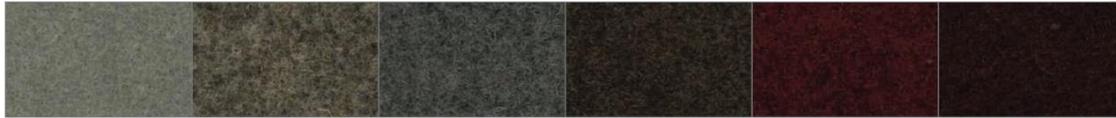
# CAT A

**COMPOSITION**
90% lana naturale, 10% poliestere
90% natural wool, 10% polyester

**ECOfelt**
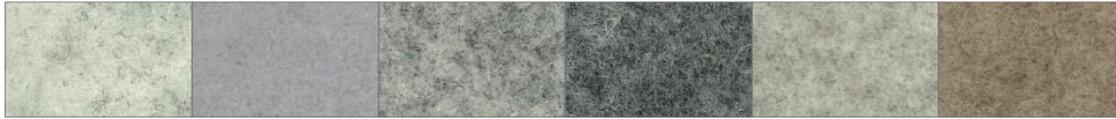
| | | | | | |
|---|---|---|---|---|---|
| Ghost white 955E | Chalk 327 | Grey 953E | Concrete 903 | Beige 952 | Caramel 332E |
| Mushroom 325 | Chocolate 352 | Taupe 511 | Brown 605 | Rust 604 | Corten 516 |
| Yellow 34 | Egg 980 | Mustard 54 | Cob orange 997 | Orange 971 | Coral 336 |
| Red 5 | Pompei 47 | Bordeaux 192 | Marsala 973 | Quartz rose 940 | Salmon 317 |
| Bubble pink 53 | Pink 988 | Marylin 323 | Mauve 601 | Agate 919 | Violet 921 |
| Purple 508 | Barolo 602 | Grape 603 | Fresh air 976 | Salvia green 334E | Acid green 611E |
| Cashmere green 89 | Grassland 937 | Tea Green 345 | Leaf Green 910 | Lagoon 608 | Peacock blue 962 |
| Black forest 77 | Dark musk 22E | Mineral Blue 311 | Biggest Splash 41 | Capri 341 | Avio 333E |
| Light blue 914 | Blue yonder 200 | Azuleja 318 | Moonstone 512 | Skyblue 942 | Nynph 972 |
| Honolulu blue 607 | Blue 193 | Blue Klein 322 | Deep sea blue 963 | Ink 329 | Dark grey 923 |