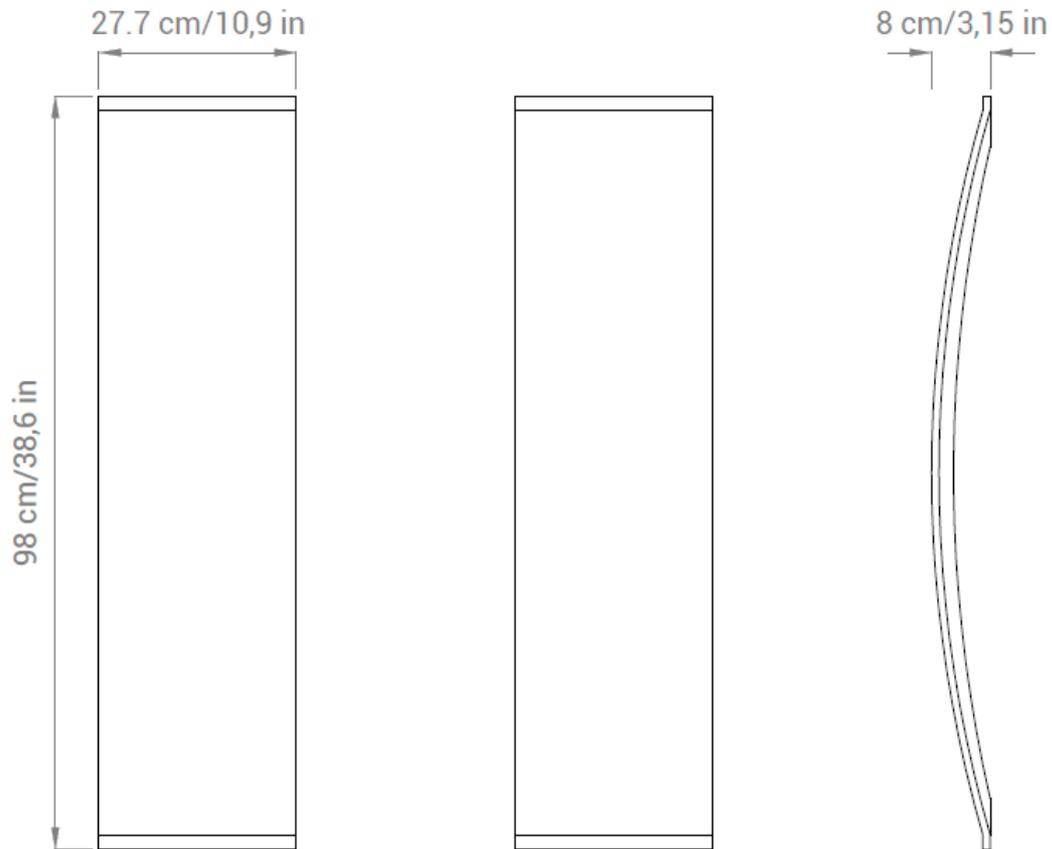**NAME:**

ECOarch

DESCRIPTION:

Thermobonded sound-absorbing monomateric panel

APPLICATIONS:

• Wall with velcro or magnets
• Ceiling with velcro or magnets

slalom
acoustic & partition systems

ECOarch

27.7 cm/10,9 in

8 cm/3,15 in

98 cm/38,6 in

DIMENSIONS:

• L/H **27,7** x L/H **98** x THK **3,2** cm
• L/H **10.9** x L/H **38.6** x THK **1.2** in

NOTE: *Panels may have differences in thickness due to the type of material*

WEIGHT:

• **2,75** kg/m^2
• **0.56** lb/ft^2

COMPOSITION:

• Main core: sound absorbing material made of 100% recycled material, polyester fibers

Reaction to fire: B-s2, d0

Smoke class: F1

Certificate: Oekotex

• Finishing CAT **A**:
  • **Trevira CS** - 100% polyester
    Reaction to fire: **Class 1**
    Certificate: **Oekotex**
  • **PETfabric** – 100% recycled polyester
    Reaction to fire: **Class 1**
    Certificate: **Oekotex**
  • **PETcolor** - 100% PET, FR recycled polyester + GRS
    Reaction to fire: **Class 1**
  • **ECOfelt** - 90% wool, 10% polyester
  • **PETfelt** - 100% PET – From post-consumer plastic bottles
  • **Velvet** - 100% polyester

• Finishing CAT **B**:
  • **Tweed** - 75% wool, 25% polyamide
    Reaction to fire: **Class 1**
  • **Trace** - 100% Trevira CS FR, FR polyester
    Reaction to fire: **Class 1**
    Certificate: **Oekotex**

RECYCLABILITY:

Recyclable material panel recyclable at the end of his life, without having to divide soul and finishing

MAINTENANCE:

Cleanable panel with specific detergents

CERTIFICATIONS:

• **FIRE REACTION CLASS:**

  B-s2, d0

• **CE MARK:**

  B-s1, d0

• **GREEN LABELS:**

  GREENGUARD
  GREENGUARDGOLD

• **VOC EMISSION TEST**
  Indoor Air Comfort GOLD

• **SOUND ABSORPTION REPORT:**

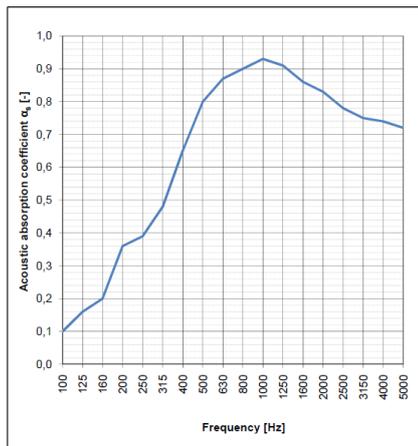 UNI EN ISO 354: 2003
  UNI EN ISO 11654: 1998

ECOARCH CONCAVE - CV:

Sample description: Thermobounded sound absorbing panel with arch shape , Model " ECOarch"
Mounting Type: A
Position of panels is concave

Sample area: 10.71 m²
Reverberation room volume: 161.3 m³

| f [Hz] Frequency	αS [-] Acoustic absorption coefficient values
100	0.10
125	0.16
160	0.20
200	0.36
250	0.39
315	0.48
400	0.65
500	0.80
630	0.87
800	0.90
1000	0.93
1250	0.91
1600	0.86
2000	0.83
2500	0.78
3150	0.75
4000	0.74
5000	0.72

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

ECOARCH CONVEX - CX:

Sample description: Thermobounded sound absorbing panel with arch shape , Model " ECOarch"
Mounting Type: A
Position of panels is convex

Sample area: 10.71 m²
Reverberation room volume: 161.3 m³

f [Hz] Frequency	αS [-] Acoustic absorption coefficient values
100	0.06
125	0.07
160	0.12
200	0.20
250	0.27
315	0.41
400	0.56
500	0.71
630	0.86
800	0.98
1000	0.98
1250	0.97
1600	0.96
2000	0.94
2500	0.92
3150	0.88
4000	0.87
5000	0.86
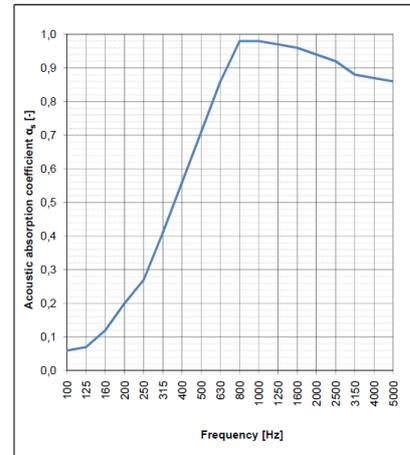
Evaluation based on laboratory measurement results by means of a technical method.

CAT <u>A</u>

COMPOSITION

100% Trevira CS FR, poliestere Fr
100% Trevira FR CS, polyester Fr

Trevira CS.

Light grey 611T	Moka 516	Beige 532	Camel 533	Tuscan brown 534	Brown sugar 569
Yellow 53	Carrot 66	Tiger eye 119	Summer 133	Brick 572	Orange 120
Red 231	Bordeaux 236	Red wine 234	Lavender 175	Fuchsia 173	Purple 262
Lime 462	Green tea 425	Apple Green 463	Office green 443	Grass 464	Olive 426
Forest green 496	Dark mud 571	Pearl grey 643	Light blue 386	Azuleja 367	Capri 379
Turquoise 366	Peacock blue 411	Pastel blue 380	Steel blue 263	Iceberg 377	Queen blue 411
Sapphire 331	Office blue 332T	Dark blue 334T	Midnight blue 333T	Quartz grey 636	Grey 629
Old silver 625	Taupe 607	White 999	Black 651		

Jacket 4559	Warm grey 4560	Golden brown 456T	Chestnut 4562	Brown 4558	Sand 4513
Canarino 4055	Cachi 4056	Orangina 4105	Brick 4211	Dark Red 4210	Bordeaux 4213
Party 4254	Lilac 4253	Dreamy 4363	Sky 4360	Animae 4362	Light blue 4361
Villa 4310	Blue 4313	Azure 4311	Morning green 4467	Sailing 4465	Camo 4312
Sage 4466	Mesh green 4468	Bright green 4464	Brilliant green 4460	Underbrush 4462	Tropical 4461
Neutral grey 4511	Light grey 4613	Ash 4614	Suit grey 4615	Road 4616	

COMPOSITION

100% PET, poliestere FR riciclato + GRS
100% PET, recycled polyester + GRS

PETcolor.

White 2999	Milk 2509	Beige 2503	Camel 2504	Deer 2510	Sierra 2557
Yellow 2051	Orange 2104	Papaya 2103	Red 2201	Mud 2552	Dark chocolate 2556
Brick 2555	Palazzo red 2206	Ossalide 2151	Bordeaux 2203	Malva 2251	Blueberry 2252
Pistachio 2451	Green leaf 2452	Forest 2459	Peacock 2402	Sugar 2357	Pouder 2358
Ice 2612	Light blue 2351	Greece 2308	Van Gogh 2301	Midnight 2309	Blue romance 2303
Grey 2602	Infinity 2307	Rock Grey 2603	City grey 2604	Black 2651	

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

PETfelt.

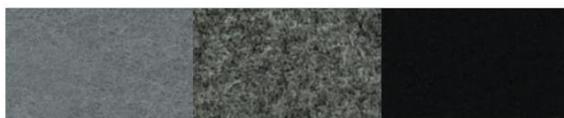|					
Ash 703	Fog 953P	Milk 955P	Beige 16	Tuscan brown 20	Mud 19
Pale yellow 41	Alabaster 32	Yellow 3	Duck Orange 43	Orange 9	Dark Orange 14
Red 6	Ruby red 27	Bordeaux 15	Pastel pink 37	Pink 17	Wisteria pink 36
Barbie 113	Fuchsia 10	Sangria 30	Grapes 23	Purple 11	Raspberry 47
Opal 33	Celadon 39	Water green 2	Kiwy 28	Acid green 7	La salle green 12
Jungle green 31	Grey green 22	Egg blue 38	Light blue 8	Blue 13	Azure 1
Summer night 21	Charm blue 44	Pacific blue 29	Dark blue 5	Midnight 905	Rhino 903
Grey 4	Street 529	Rich black 18			

Velvet.

Beige 104	Mauve 23V	Marsala 80
Yellow 26	Cherry 10V	Bordeaux 90
Taupe 205	Graphite 617	Brown 100
Bright green 12V	Salvia green 56	Lagoon 15V
Grey 616	Avio 16V	Deep sea blue 14V
Dark blue 666		
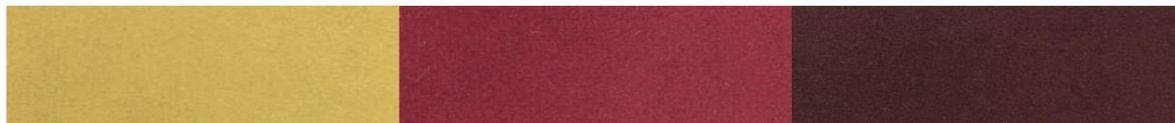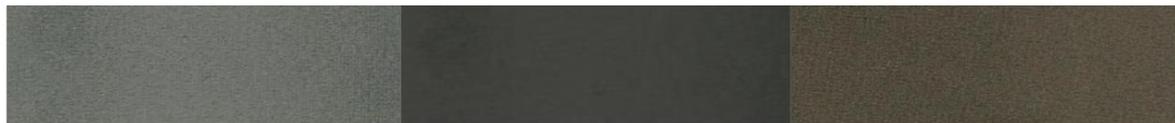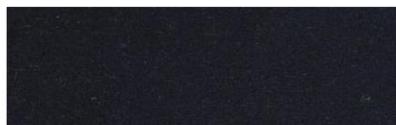
CAT B

COMPOSITION
75% lana, 25% poliammide
75% wool, 25% polyamide

Tweed.

Almond 505	Sand 502	Rose 503	Brown 504	Coffee 551	Chestnut 552
Banana 51	Dark gold 52	Mandarin 102	Cadmium 101	Orange 2105	Terra di Siena 103
Pistachio 451	Pond 2457	Foliage 452	Racing green 453	Teal blue 454	Blue 303
Aqua green 455	Air blue 351	River 2460	Grey blue 301	Orchid 251	Purple 252
Ash grey 601	Melting grey 2606	Rock grey 602	Old brown 553	Dark grey 603	Night blue 302
Pink 152	Red 211	Antique ruby 201	Berry 202	Full black 651	

Trace.

Warm grey 9607

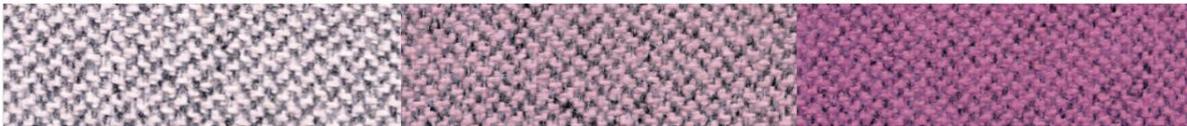Cold grey 9610

Formal grey 9608

Sea 9402

Blue 9302

Ocean 9403

Yellow 9052

Pistachio 9452

Green leaf 9455

Cloud pink 9155

Pink 9154

Blossom 9156

Salmon 9157

Strawberry 9203