slalom
acoustic & partition systems

ECOrange U

TECHNISCHE FICHE



NAAM:

ECOrange U

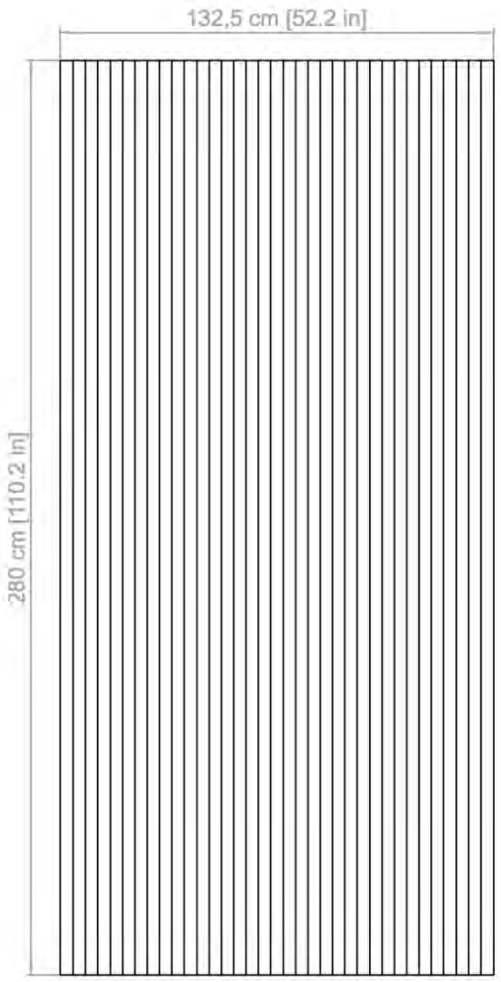
OMSCHRIJVING:

Thermobonded geluidsabsorberend monomaterisch paneel

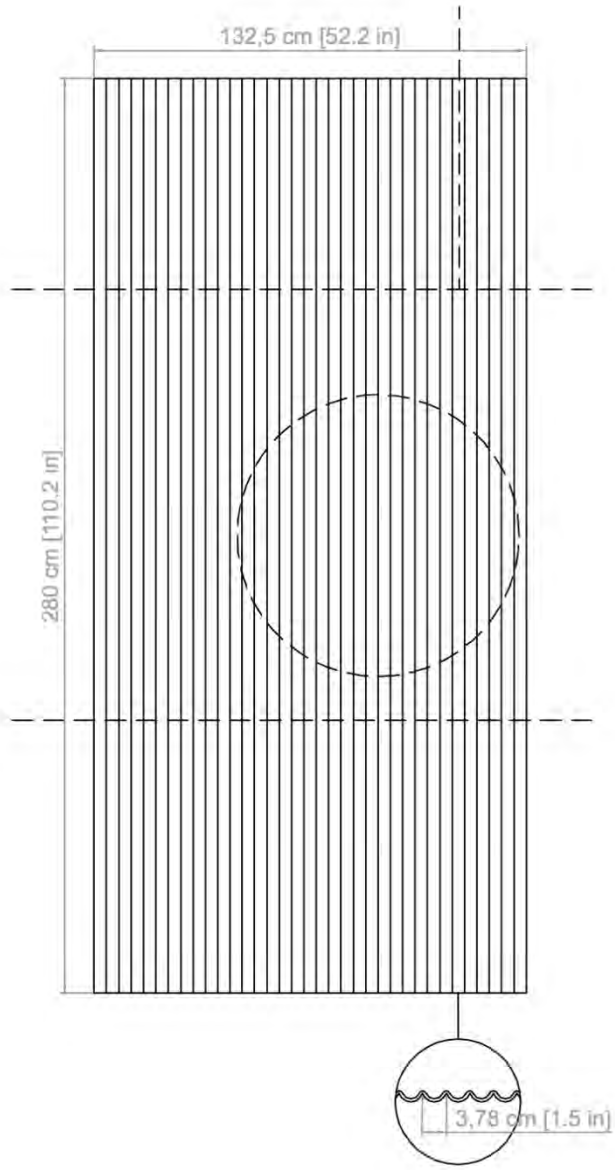
TOEPASSINGEN:

- Wand met Velcro
- Plafond met Velcro

STANDAARD MATEN:



OP MAAT GESNEDEN:



AFMETINGEN:

Standard: L **132,5** x H **280** x THK **1,2** cm
OP MAAT: *Met lasersnijden kunnen alle maatvoering gerealiseerd worden*

GEWICHT:

- **2,5** Kg/m^2
- **0.51** lb/ft^2

SAMENSTELLING:

• Kern: geluidsabsorberend materiaal gemaakt van 100% gerecycled materiaal, polyestervezels

Brandklasse: B-s2, d0

Rookklasse: F1

Certificaat: Oekotex

• CAT **A** afwerkingen:
  • **Trevira CS -** 100% Trevira CS FR, polyester Fr
    Reactie bij brand: Klasse 1
    Certificaat: Oekotex
  • **PETfabric -** 100% gerecycled FR polyester + GRS
    Reactie bij brand: Klasse 1
    Certificaat: Oekotex
  • **PETcolor -** 100% PET, gerecycled FR polyester +
    GRS Reactie bij brand: Klasse 1
  • **ECOfelt -** 90% natuurlijke wol, 10% polyester
  • **PETfelt -** 96% PET - plastic flessen na consumptie
• CAT **B** afwerkingen:
  • **Tweed -** 75% wol, 25% polyamide
    Reactie bij brand: Klasse 1
  • **Bouclè -** 100% PL recycled SEAQUAL
    Reactie bij brand: Klasse 1
    Certificaat: Oekotex

RECYCLEERBAARHEID:
Paneel van recyclebaar materiaal dat aan het einde van zijn leven recyclebaar is, zonder de kern en oppervlakteafwerking moeten gescheiden worden

ONDERHOUD:

Reinigbaar paneel met specifieke reinigingsmiddelen

CERTIFICATEN:

- **BRANDREAKTIE KLASSE:**

  B-s2, d0

- **CE MARK:**

  B-s1, d0

- **GROENE LABELS:**

  GREENGUARD
  GREENGUARDGOLD

  VOC EMISSION TEST Indoor Air Comfort GOLD

- **RAPPORT GELUIDSABSORPTIE:**

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

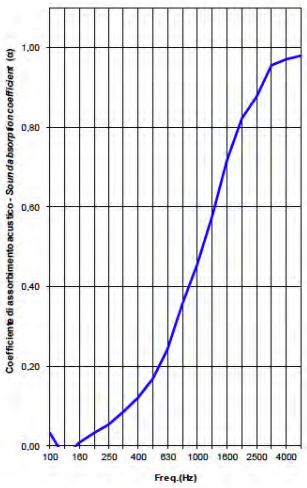
ECOrange U:

Elemento in prova *Tested element*	PANNELLO U
Descrizione del campione *Sample description*	Vedere § "Descrizione del campione in prova" del presente Report. Montaggio tipo A secondo EN 354 / *See § "Tested sample description" of this Report. Type A mounting according to EN 354*
Superficie del campione *Sample surface*	10,9 m²

FREQ [Hz]	T1 [sec]	T2 [sec]	αs	α p
100	7,83	7,19	0,03	
125	5,80	6,15	-0,03	0,00
160	6,91	6,76	0,01	
200	6,78	6,29	0,03	
250	6,74	5,96	0,05	0,05
315	7,18	5,89	0,09	
400	7,94	5,93	0,12	
500	8,01	5,43	0,17	0,20
630	7,32	4,50	0,24	
800	6,84	3,66	0,36	
1000	6,16	3,09	0,46	0,45
1250	5,67	2,63	0,58	
1600	5,04	2,21	0,72	
2000	4,50	1,95	0,82	0,80
2500	3,72	1,73	0,88	
3150	2,85	1,45	0,95	
4000	2,28	1,28	0,97	0,95
5000	1,72	1,08	0,98	

α_w = 0,25

NRC = 0,38



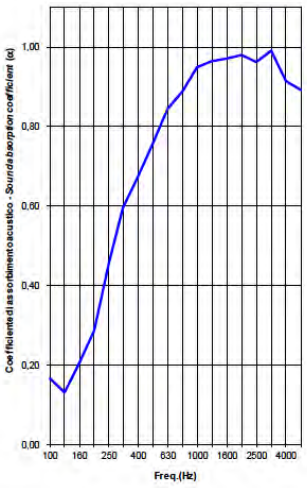
ECOrange U + 20 mm polyester bekleding:

Elemento in prova *Tested element*	PANNELLO U + 20
Descrizione del campione *Sample description*	Vedere § "Descrizione del campione in prova" del presente Report. Montaggio tipo A secondo EN 354 / *See § "Tested sample description" of this Report. Type A mounting according to EN 354*
Superficie del campione *Sample surface*	10,9 m²

FREQ [Hz]	T1 [sec]	T2 [sec]	αs	α p
100	7,83	5,36	0,17	
125	5,80	4,56	0,13	0,15
160	6,91	4,60	0,21	
200	6,78	4,01	0,29	
250	6,74	3,22	0,46	0,45
315	7,18	2,85	0,60	
400	7,94	2,75	0,67	
500	8,01	2,55	0,76	0,75
630	7,32	2,30	0,84	
800	6,84	2,17	0,89	
1000	6,16	2,01	0,95	0,95
1250	5,67	1,93	0,96	
1600	5,04	1,84	0,97	
2000	4,50	1,76	0,98	0,95
2500	3,72	1,64	0,96	
3150	2,85	1,43	0,99	
4000	2,28	1,31	0,91	0,95
5000	1,72	1,12	0,89	

α_w = 0,75

NRC = 0,78



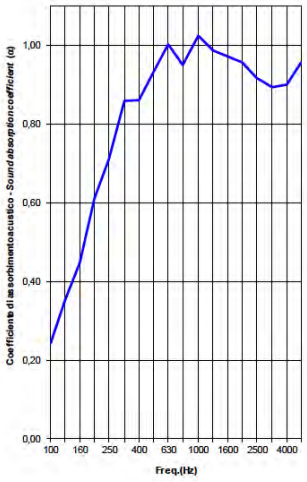
ECOrange U + 40 mm polyester bekleding:

Elemento in prova *Tested element*	PANNELLO U + 40
Descrizione del campione *Sample description*	Vedere § "Descrizione del campione in prova" del presente Report. Montaggio tipo A secondo EN 354 / *See § "Tested sample description" of this Report. Type A mounting according to EN 354*
Superficie del campione *Sample surface*	10,9 m²

FREQ [Hz]	T1 [sec]	T2 [sec]	α_S	α_P
100	7,83	4,68	0,24	
125	5,80	3,36	0,35	0,35
160	6,91	3,30	0,45	
200	6,78	2,75	0,61	
250	6,74	2,50	0,71	0,75
315	7,18	2,25	0,86	
400	7,94	2,32	0,86	
500	8,01	2,20	0,93	0,95
630	7,32	2,04	1,00	
800	6,84	2,07	0,95	
1000	6,16	1,90	1,02	1,00
1250	5,67	1,90	0,99	
1600	5,04	1,84	0,97	
2000	4,50	1,78	0,96	0,95
2500	3,72	1,68	0,92	
3150	2,85	1,50	0,89	
4000	2,28	1,32	0,90	0,90
5000	1,72	1,09	0,96	

α_W = 0,95

NRC = 0,90

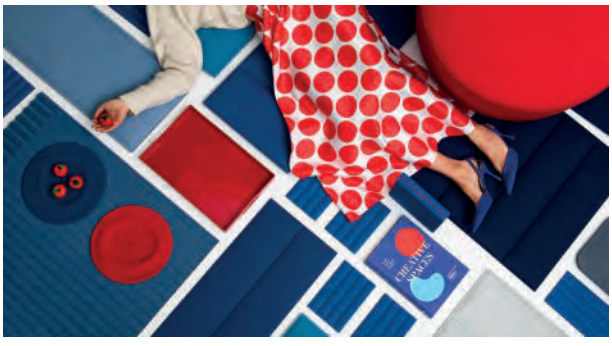


THICKNESS
gr / mtl 460 ± 10%

WIDTH
cm 140 ± 2% | ” 55 ± 2%

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 378
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		



THICKNESS
gr / mtl 470 ± 10%

WIDTH
cm 140 ± 2% | '' 55 ± 2%

PETfabric.

Jacket 4559	Warm grey 4560	Dark red 4210	Brown 4558	Sand 4513	Cream 4515
Bronze 4109	Orangina 4105	Sunset 4107	Brick 4211	Poppy 4214	Light blue 4361
Spring Morning 4153	Lilac 4253	Dark Magenta 4154	Antique Rose 4155	Ice 4365	Sky 4360
Villa 4310	Blue 4313	Azure 4311	Morning green 4467	Gold 4057	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	



THICKNESS
gr / mtl 470 ± 10%

WIDTH
cm 140 ± 2% | '' 55 ± 2%

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



THICKNESS
mm 1,5 | gr/mtl 420

WIDTH
cm 150 ± 5% | " 59 ± 5%

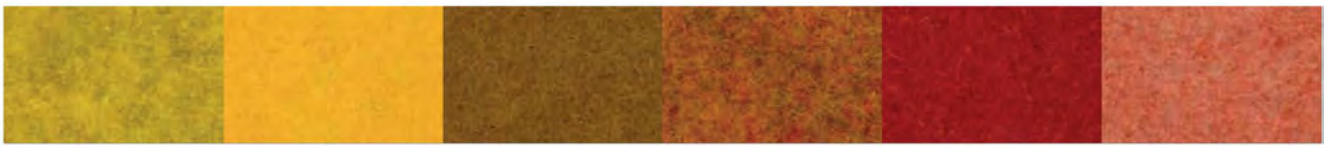
ECOfelt.



Ghost white 955E | Chalk 327 | Grey 953E | Concrete 903 | Ink 329 | Dark grey 923



Beige 952 | Caramel 332E | Mushroom 325 | Chocolate 352 | Taupe 511 | Brown 605



Yellow 34 | Egg 980 | Mustard 54 | Cob orange 997 | Orange 971 | Salmon 317



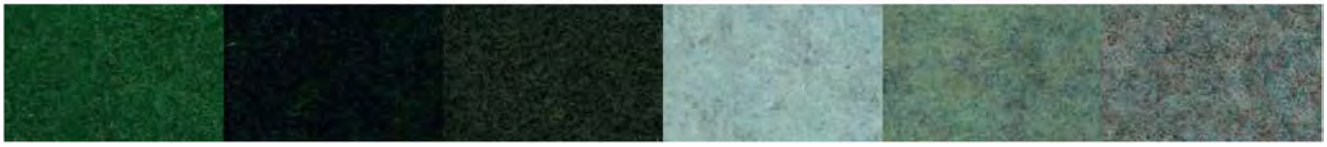
Red 5 | Rust 604 | Pompei 47 | Bordeaux 192 | Marsala 973 | Quartz rose 940



Bubble pink 53 | Pink 988 | Mauve 601 | Agate 919 | Violet 921 | Purple 508



Barolo 602 | Grape 603 | Acid green 611E | Cashmere green 89 | Grassland 937 | Tea Green 345



Leaf Green 910 | Black forest 77 | Dark musk 22E | Fresh air 976 | Salvia green 334E | Mineral Blue 311



Lagoon 608 | Peacock blue 962 | Biggest Splash 41 | Capri 341 | Avio 333E | Moonstone 512



Azuleja 318 | Light blue 914 | Blue yonder 200 | Honolulu blue 607 | Blue 193 | Deep sea blue 963



Nynph 972

THICKNESS
mm 1,5 | gr/mtl 420

WIDTH
cm 150 ± 5% I ” 59 ± 5%

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			

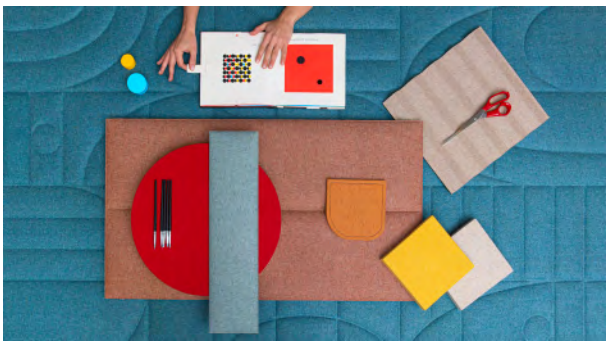


THICKNESS
gr / mtl 500 ± 7%

WIDTH
cm 150 ± 5% | ” 59 ± 5%

Tweed.

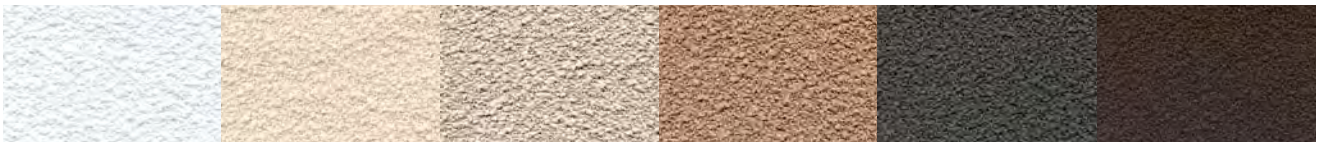
Almond 505	Sand 502	Rose 503	Brown 504	Coffee 551	Chestnut 552
Banana 51	Dark gold 52	Mandarin 102	Cadmium 101	Orange 2105	Terra di Siena 103
Pistachio 451	Pond 2457	Foliage 452	Racing green 453	Teal blue 454	Blue 303
Aqua green 455	Air blue 351	River 2460	Grey blue 301	Orchid 251	Purple 252
Ash grey 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	



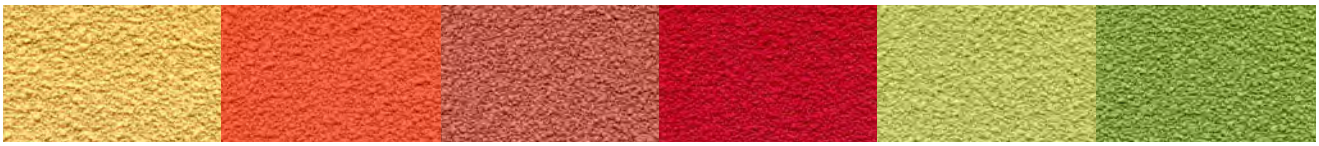
COMPOSITION

100% PL riciclato SEAQUAL
100% PL Recycled SEAQUAL

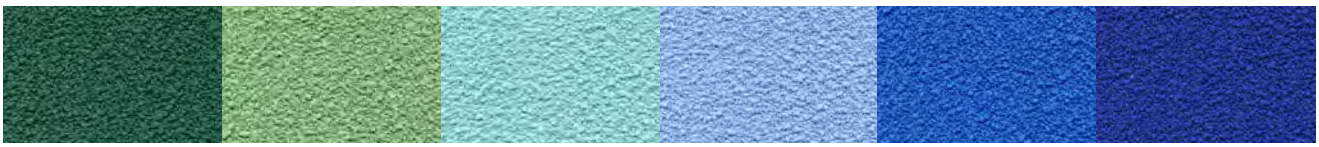
Bouclè.



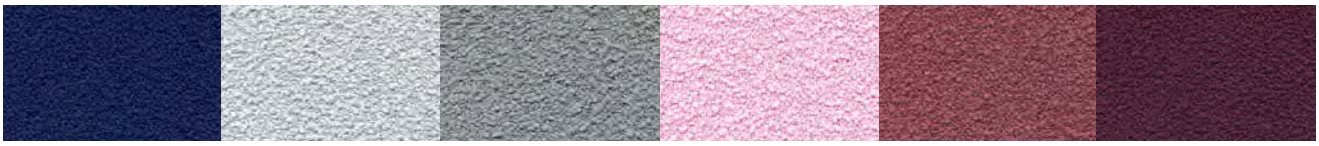
Snowflake 999B | Champagne 503B | Cookie 501 | Oak 502B | Graphite 604B | Terrarium 553



Star 51B | Anemone 101B | Klinker 552B | Hibiscus 202B | Aloe 453B | Pothos 452B



Zen garden 454B | Mermaid 451B | Aquamarine 401 | Cloud 351B | Bubble 301B | Iris 303B



Sailor 304 | Pearl 601B | Cliff 602B | Mademoiselle 151 | Peony 251 | Plum 252B



Obsidian 651B

