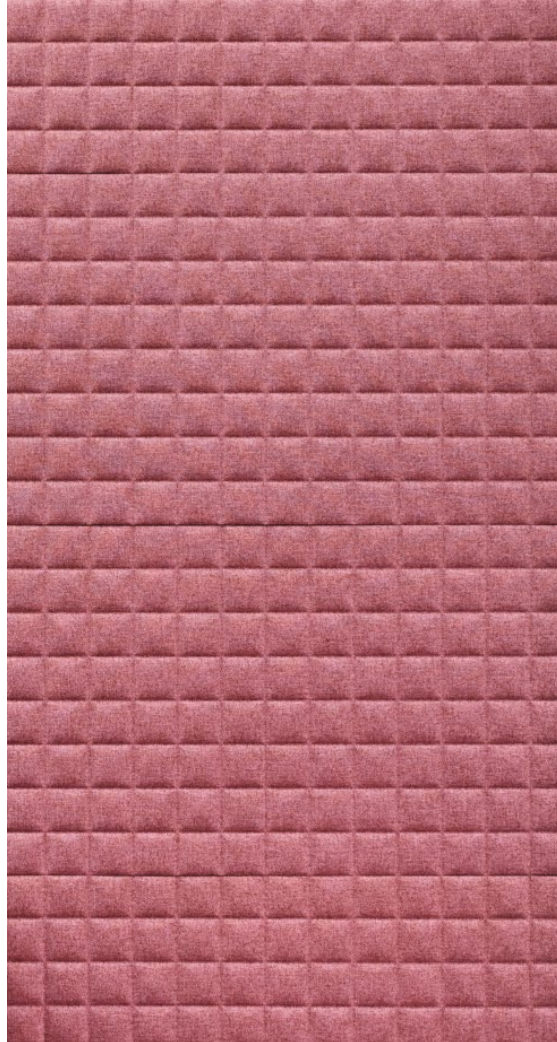




NAME:

SQUARE

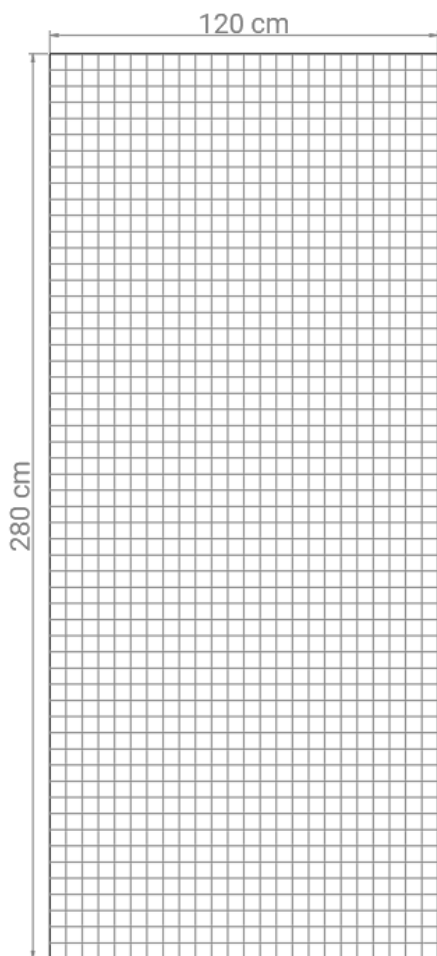
DESCRIPTION:

Thermoformed single-material sound-absorbing panel

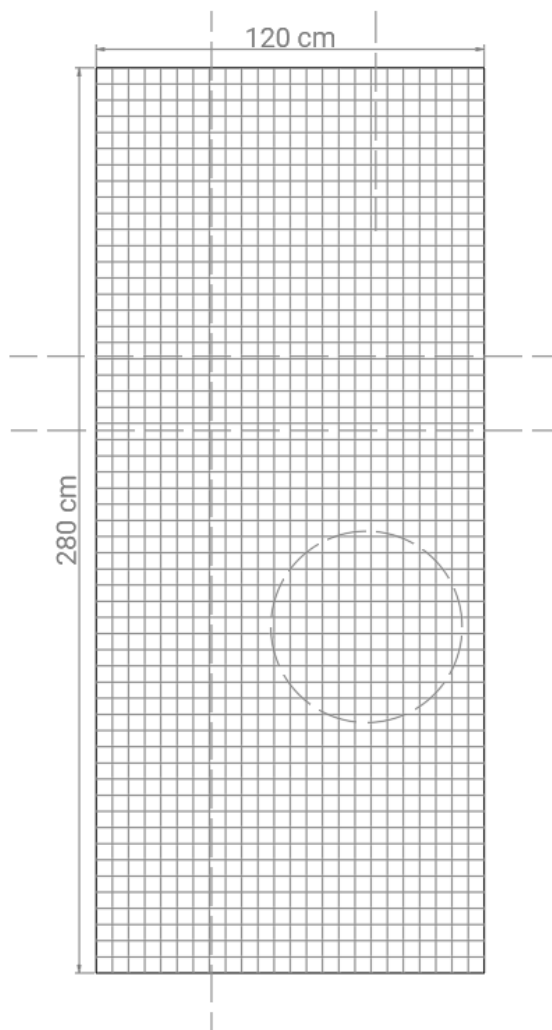
APPLICATIONS:

- Wall with velcro
- Ceiling with velcro

STANDARD DIMENSIONS:



CUSTOM CUT:



DIMENSIONS:

Standard: L 120 x H 280 x $\pm$ THK 1 cm - L 47.2 x H 110.2 x $\pm$ THK 0.39 in

CUSTOM: *Laser cuts with custom dimensions can be made on the panel*

WEIGHT:

- 2,5 Kg/m²
- 0.51 lb/ft²

COMPOSITION:

Core: sound-absorbing material made of 100% recycled material, polyester fibers

Finishes CAT A:

- Trevira CS - 100% polyester (Trevira CS)
- PETfabric – 75% recycled polyester, 25% polyester
- PETcolor - 95% recycled, 5% polyester
- ECOfelt - 90% wool, 10% polyester
- PETfelt - 96% Pet, 4% polyester
- Velvet - 100% polyester

• **Finishes CAT B:**

- Tweed - 75% wool, 25% polyamide
- Bouclè – 30% recycled polyester, 70% polyester
- Spigato - 75% wool, 25% polyamide

RECYCLABILITY:

Panel made of recycled and recyclable material at the end of its life, without having to separate the core and finish

MAINTENANCE:

Panel cleanable with specific detergents

• CERTIFICATIONS:

FIRE REACTION CLASS:

B-s2, d0 | Class A [ASTM E84]



• CE MARKING:

B-s1, d0



• ECOLOGICAL CERTIFICATIONS:

GREENGUARD

GREENGUARD GOLD

DECLARE

HPD

VOC



• SOUND ABSORPTION REPORT:

UNI EN ISO 354: 2003

UNI EN ISO 11654: 1998



SQUARE:

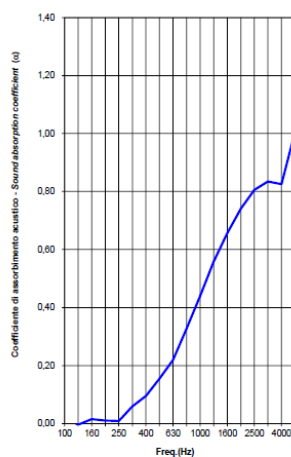
Elemento in prova Tested element	SQUARE
Descrizione del campione Sample description	Vedere § "Descrizione del campione in prova" del presente Report. Montaggio tipo A secondo EN 354 / See § "Tested sample description" of this Report. Type A mounting according to EN 354
Superficie del campione Sample surface	10,50 ± 0,01 m²

Freq. [Hz]	T ₁ [sec]	T ₂ [sec]	α _s	U(α _s)	α _p	U(α _p)
100	5,98	6,30	0,00	0,01	0,00	-
125	6,75	6,80	0,00	0,02		
160	7,87	7,55	0,02	0,02		
200	7,81	7,58	0,01	0,02		
250	7,17	6,97	0,01	0,02	0,05	0,02
315	8,10	6,90	0,06	0,02		
400	8,54	6,59	0,09	0,02	0,15	0,05
500	8,29	5,67	0,15	0,03		
630	7,71	4,81	0,22	0,03	0,45	0,05
800	6,91	3,85	0,33	0,03		
1000	6,40	3,24	0,44	0,04	0,75	0,05
1250	5,80	2,76	0,56	0,05		
1600	5,05	2,39	0,66	0,05	0,90	0,06
2000	4,41	2,13	0,74	0,06		
2500	3,73	1,92	0,81	0,06	0,90	0,06
3150	2,75	1,64	0,83	0,07		
4000	2,22	1,50	0,83	0,08	0,90	0,06
5000	1,62	1,16	1,01	0,10		
α _{0,25} = 0,25 (H) ± 0,04 K = 2,00 – 95% NRC = 0,35 (**)						

Coefficiente di assorbimento acustico - Sound absorption coefficient (α)

Freq. (Hz)	α
100	0.00
200	0.00
300	0.01
400	0.02
500	0.05
630	0.10
800	0.20
1000	0.40
1250	0.60
1600	0.80
2000	0.85
2500	0.82
3150	0.95
4000	1.00

Freq. (Hz)



SQUARE + 20 mm polyester mattress:

Elemento in prova Tested element		SQUARE +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		10,50 ± 0,01 m²	

Freq. [Hz]	T ₁ [sec]	T ₂ [sec]	α _s	U(α _s)	α _p	U(α _p)
100	5,98	5,09	0,08	0,04	0,15	-
125	6,75	5,30	0,12	0,04		
160	7,87	5,13	0,20	0,05		
200	7,81	4,39	0,29	0,06		
250	7,17	3,68	0,39	0,06	0,40	0,05
315	8,10	3,33	0,51	0,06		
400	8,54	3,00	0,63	0,06	0,70	0,05
500	8,29	2,76	0,70	0,06		
630	7,71	2,56	0,76	0,06	0,85	0,05
800	6,91	2,39	0,79	0,06		
1000	6,40	2,24	0,84	0,06		
1250	5,80	2,17	0,85	0,06		
1600	5,05	2,06	0,85	0,06	0,90	0,05
2000	4,41	1,93	0,88	0,06		
2500	3,73	1,82	0,89	0,06	0,90	0,06
3150	2,75	1,59	0,89	0,07		
4000	2,22	1,45	0,89	0,08		
5000	1,62	1,18	0,97	0,10		
α _w = 0,70 (H) ± 0,04 K = 2,00 – 95% NRC = 0,70 (**)						

Coefficiente di assorbimento acustico - Sound absorption coefficient (α)

Freq.(Hz)

SQUARE + 40 mm polyester mattress:

Elemento in prova Tested element		SQUARE +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		10,50 ± 0,01 m²	

Freq. [Hz]	T ₁ [sec]	T ₂ [sec]	α _s	U(α _s)	α _p	U(α _p)
100	5,98	4,10	0,22	0,08	0,30	-
125	6,75	4,15	0,27	0,08		
160	7,87	3,86	0,39	0,08		
200	7,81	3,00	0,60	0,10		
250	7,17	2,87	0,61	0,08	0,65	0,07
315	8,10	2,68	0,73	0,08		
400	8,54	2,64	0,76	0,07	0,80	0,05
500	8,29	2,46	0,83	0,07		
630	7,71	2,44	0,81	0,06	0,80	0,05
800	6,91	2,35	0,82	0,06		
1000	6,40	2,28	0,82	0,06		
1250	5,80	2,23	0,81	0,06		
1600	5,05	2,11	0,82	0,06	0,80	0,05
2000	4,41	2,05	0,79	0,06		
2500	3,73	1,92	0,80	0,06	0,85	0,06
3150	2,75	1,65	0,82	0,07		
4000	2,22	1,49	0,84	0,08		
5000	1,62	1,20	0,93	0,10		
α _w = 0,80 ± 0,04 K = 2,00 – 95% NRC = 0,75 (**)						

Coefficiente di assorbimento acustico - Sound absorption coefficient (α)

100 160 250 400 630 1000 1600 2500 4000

Freq. (Hz)

90% Wool
10% Polyester

Ecofelt



Red 5



Bordeaux 192



Rust 604



Pompei 47



Mulberry 576



Grape 603



Orange 971



Cob orange 997



Salmon 317



Rosewood 974



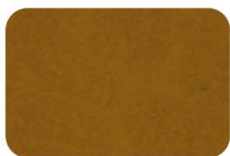
Marsala 973



Barolo 602



Yellow 34



Mustard 54



Beige 952



Quartz rose 940



Mauve 601



Purple 508E



Rice 715



Ghost white 955E



Chalk 327



Agate 919



Ink 329



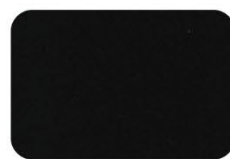
Grey 953E



Concrete 903



Taupe 511E



Dark grey 923



Caramel 332E



Coconut 992



Mushroom 325



Chocolate 352



Brown 605E



Acid green 611E



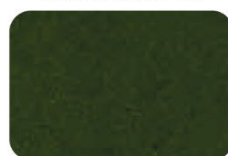
Cashmere green 89



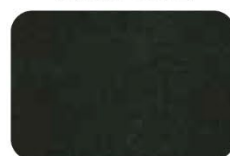
Tea green 345



Leaf green 910



Grassland 937



Dark musk 22E



Salvia green 334E



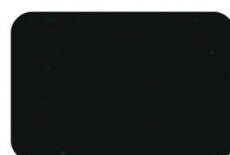
Mineral blue 311



Fresh air 976



Lagoon 608



Black forest 77



Capri 341



Biggest splash 41



Avio 333E



Peacock blue 962



Nymph 972



Deep sea blue 963



Azuleja 318



Light blue 914



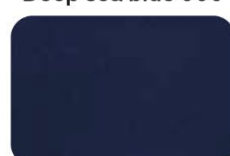
Blue yonder 200



Moonstone 512E



Honolulu blue 607



Blue 193

75% Recycled Polyester
25% Polyester

Petfabric



Dark red 4210



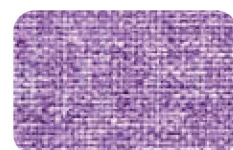
Poppy 4214



Brick 4211



Dark magenta 4154



Lilac 4253



✿ Dusky Apricot 4566



Cream 4515



Antique rose 4155



Spring morning 4153



Ash 4614



Bronze 4109



Sunset 4107



Light grey 4613



Gold 4057



Camo 4312



Sand 4513



Neutral grey 4511



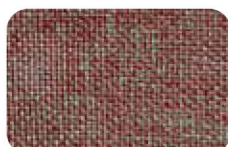
Warm grey 4560



Brown 4558



✿ Golden Siesta 4110



✿ Riviera 4217



Morning green 4467



Mesh green 4468



Jacket 4559



Suit grey 4615



Bright green 4464



Sage 4466



Tropical 4461



Underbrush 4462



Road 4616



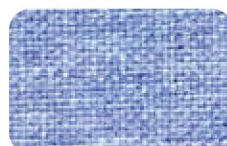
Ice 4365



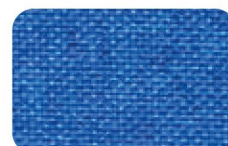
Azure 4311



Light blue 4361



Sky 4360



Villa 4310



Blue 4313

Living
in
colour
✿ by Teklan.

95% Recycled Polyester
5% Polyester

Petcolor



Palazzo red 2206



Brick 2555



Bordeaux 2203



Malva 2251



Blueberry 2252



Red 2201



Papaya 2103



Orange 2104



Dark chocolate 2556



Mud 2552



Black 2651



Beige 2503



Yellow 2051



Sierra 2557



Rock grey 2603



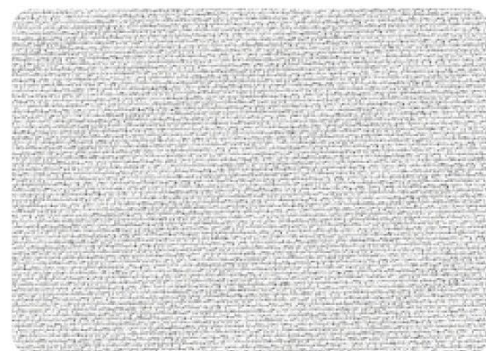
City grey 2604



✿ Deep ochre 2059



Deer 2510



Ice 2612



White 2999



Milk 2509



✿ Dove 2619



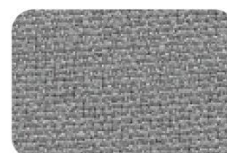
Pistachio 2451



Camel 2504



✿ Wolf 2618



Grey 2602



Pouder 2358



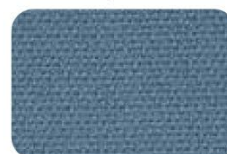
Green leaf 2452



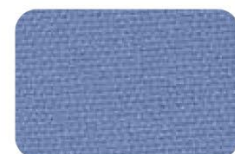
✿ Minty breeze 2473



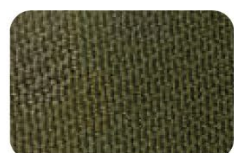
Peacock 2402



Sugar 2357



Light blue 2351



✿ New olive 2472



Forest 2459



Infinity 2307



Van Gogh 2301



Greece 2308



✿ Teal 2404



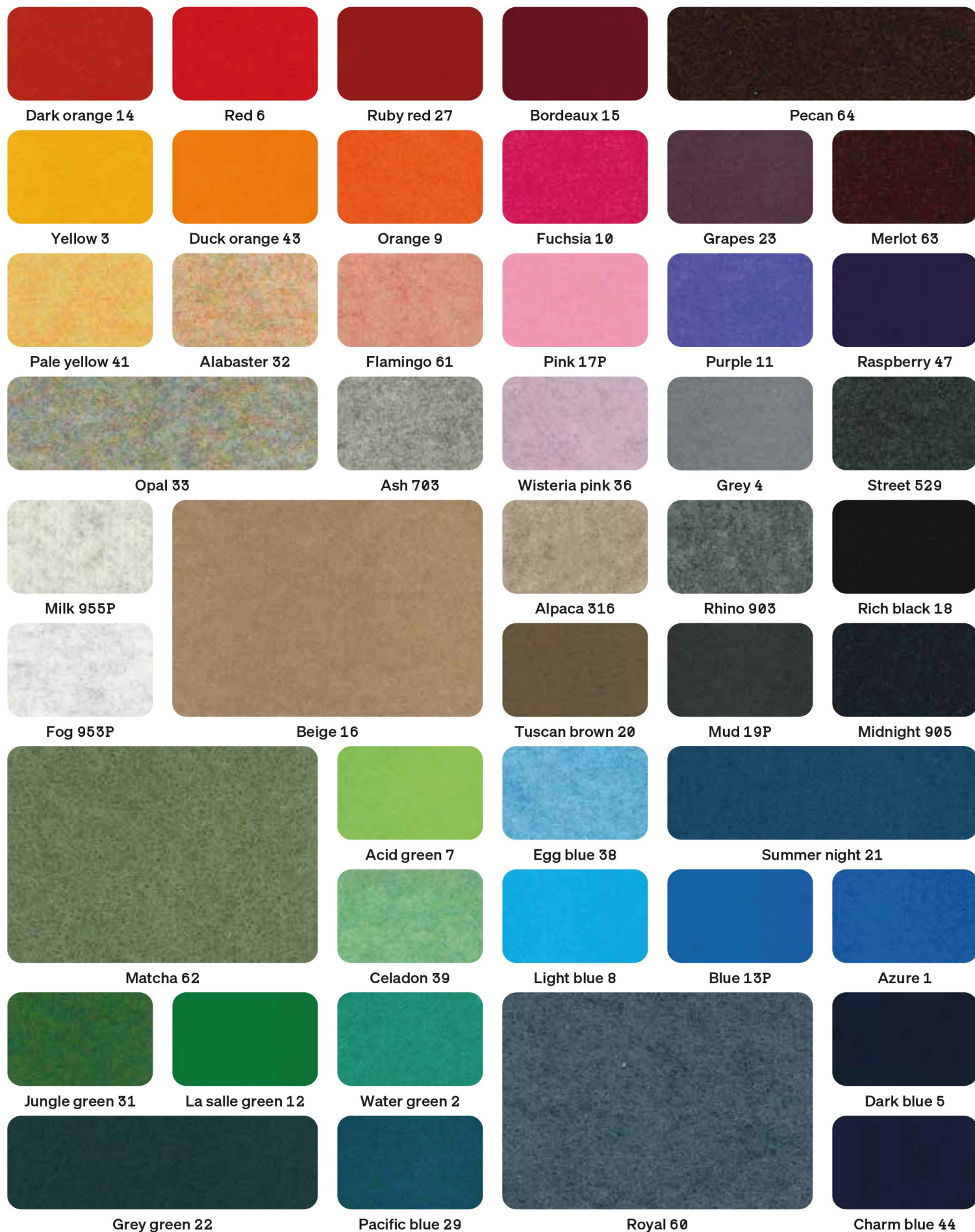
Midnight 2309



Blue romance 2303

96% **Pet**
4% **Polyester**

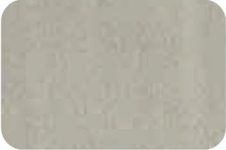
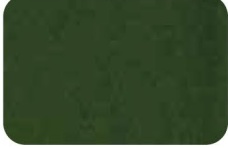
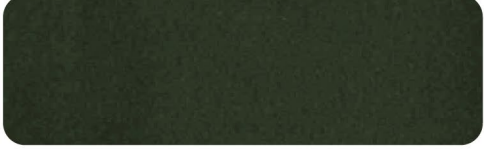
Petfelt



100% Polyester

Velvet



			
Imperial 650	Peach 648	Dusty rose 615	
			
Mustard 636V	Cinnamon 7V	Bordeaux 90	Coffee 210
			
Yellow 26	Beige 104	Grey 616	Koala 19V
			
Pistachio 24	Hunter 637	Fog 130	Taupe 205
			
Jungle 204	Emerald 13V	Seaweed 642	Graphite 617
			
Juniper 655	Salvia green 56	Mercury 17V	Deep sea blue 14V
			
	Lagoon 15V	Avio 16V	Dark blue 666

100% Polyester
(Trevira CS)

Trevira



Red 231	Orange 120	Brick 572	Bordeaux 236	Red wine 234	Purple 262
Yellow 53	Carrot 66	Summer 133	✿ Coral 194	Fuchsia 173	Lavender 175
✿ Deep harvest 74	✿ Savanna buff 508T	Tiger eye 119	Beige 532	Grey 629	✿ Lavender haze 278
White 999	✿ Feather 670		Light grey 611T	Old silver 625	Quartz grey 636T
Moka 516	✿ Feather 670		Pearl grey 643T	Brown sugar 569	Taupe 607
✿ Limestone sand 507	Camel 533	Tuscan brown 534	✿ Dark brown bown 595	Dark mud 571	Black 651T
✿ Butter yellow 73	Lime 462	Green tea 425	Office green 443	✿ Arsenic green 453T	
Grass 464	Olive 426	✿ Dark olive 454T		Forest green 496	Peacock blue 411
Azuleja 367	Light blue 386	Capri 379	Turquoise 366	Steel blue 263	Sapphire 331
Iceberg 377	Pastel blue 380	Queen blue 378	Office blue 332T	Dark blue 334T	Midnight blue 333T

75% Wool
25% Polyamide

Spigato



Orange 2105



Ginger 2554



Orchid 2204



Iron 2557S



Shark 2305



Slate 2607



Honey 2053



Lava 2556S



Pond 2457



Melting grey 2606



Desert 2506



Gull 2555S



Cobalt 2353



Indigo 2304



Thyme 2458



Hazy glow 2605



Moss 2459S



Pastel 2456



Frozen 2352



River 2460

Living
in
colour
* by Teklan.

75% **Wool**
25% **Polyamide**

Tweed



Red 211



Antique ruby 201



Berry 202



Tulip 151



Ribes 256



Purple 252



Terra di Siena 103



Cadmium 101



Banana 51



Pink 152



Orchid 251



Rock grey 602



Mandarin 102



Dark gold 52



Cider 57



Rose 503



Macaron 510



Ivory 512



Sand 502



Shadow 621



Brown 504



Hazelnut 511



Almond 505



Chestnut 552



Full black 651



Coffee 551



Forest 466



Old brown 553



Dark grey 603



Night blue 302



Pistachio 451



Foliage 452



Racing green 453



Teal blue 454



Ocean 308



Grey blue 301



Aqua green 455



Air blue 351



Denim 358



Space 313

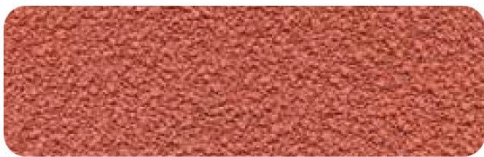
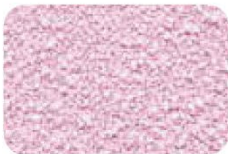
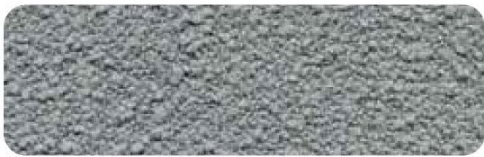
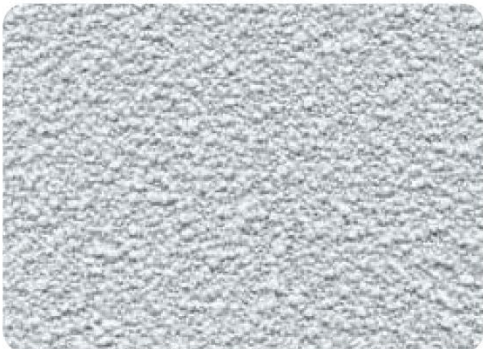
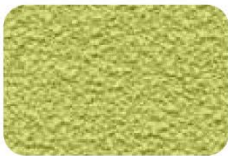
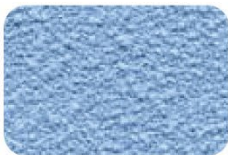


Blue 303

30% Recycled Polyester
70% Polyester

Bouclè



 Hibiscus 202B	 ✿ Koi orange 103B	 Anemone 101B	 Klinker 552B	 Plum 252B
 Oak 502B	 Cookie 501		 Peony 251	
 ✿ Nude peach 152B			 ✿ Luna 606	 Mademoiselle 151
 ✿ Deep ochre 52B	 Star 51B	 ✿ Storm 605B	 ✿ Twilight revier 253	
 Champagne 503B		 Snowflake 999B	 Cliff 602	 Graphite 604B
		 Pearl 601B	 Terrarium 553B	 Obsidian 651B
 Aloe 453B	 Pothos 452B		 ✿ Blue dusk 356	
 Mermaid 451B	 Zen garden 454B	 Aquamarine 401	 Cloud 351B	 Bubble 301B
 ✿ Olive 455B		 ✿ Teal 402	 Sailor 304	