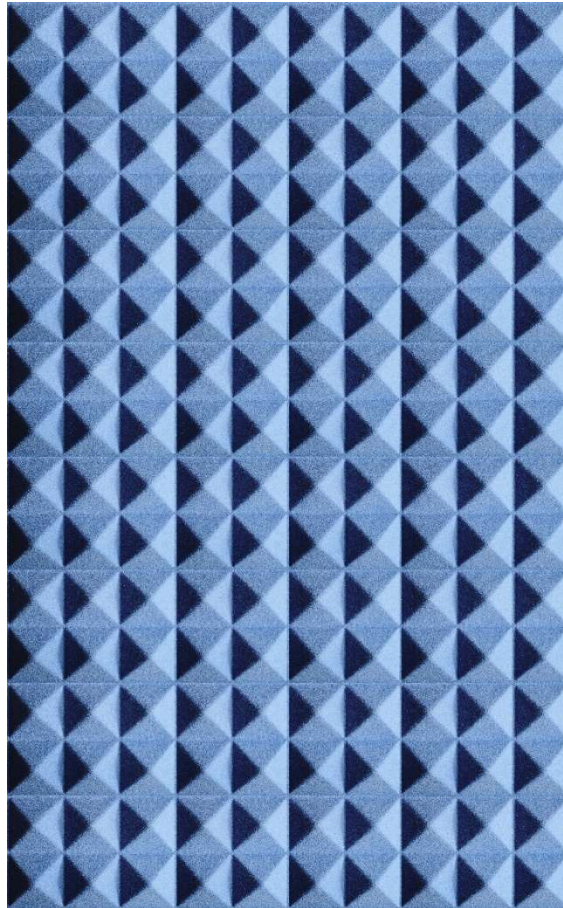


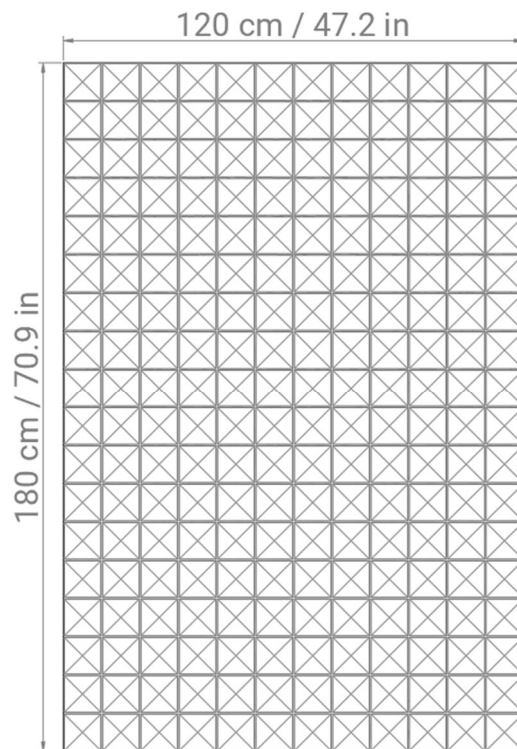


NAME:
SPYKON

DESCRIPTION:
Thermobonded sound-absorbing monomateric panel

APPLICATION:

- Wall with Velcro
- Ceiling with Velcro



DIMENSIONS:

- L 120 x H 180 ± THK 3 cm
- L 47.2 x H 70.9 ± THK 1.18 in

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

WEIGHT:

- 2,5 Kg/m²
- 0.51 lb/ft²

COMPOSITION:

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

- **Finishing CAT A:**

- Trevira CS - 100% polyester
- PETcolor - 100% PET, recycled FR polyester + GRS
- ECOfelt - 90% wool, 10% polyester
- PETfelt - 100% PET – From post-consumer plastic bottles

- **Finishing CAT B:**

- Bouclè - 100% PL recycled SEAQUAL

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 | Class A [ASTM E84]



• CE MARK:

B-s1, d0



• GREEN LABELS:

GREENGUARD

GREENGUARDGOLD

VOC

DECLARE

HPD



Declare.



• SOUND ABSORPTION REPORT:

UNI EN ISO 354: 2003

UNI EN ISO 11654: 1998



SPYKON:

Elemento in prova Tested element	SPYKON
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	10,80 ± 0,01 m²

Freq. [Hz]	T ₁ [sec]	T ₂ [sec]	α _s (**)	U(α _s) (**)	α _p (**)	U(α _p) (**)
100	5,98	5,55	0,04	0,03	0,05	-
125	6,65	6,15	0,03	0,03		
160	8,15	7,33	0,04	0,02		
200	7,91	6,86	0,05	0,03		
250	7,37	5,82	0,10	0,03	0,10	0,03
315	8,06	5,58	0,16	0,03		
400	8,48	5,10	0,22	0,03	0,35	0,05
500	7,52	3,97	0,34	0,04		
630	7,04	3,34	0,45	0,04		
800	6,59	2,74	0,61	0,05		
1000	6,02	2,28	0,78	0,06	0,75	0,05
1250	5,72	2,12	0,84	0,06		
1600	5,21	1,98	0,89	0,06	0,85	0,05
2000	4,64	2,01	0,80	0,06		
2500	4,00	1,86	0,82	0,06	0,80	0,06
3150	3,16	1,62	0,86	0,07		
4000	2,65	1,50	0,82	0,08		
5000	2,05	1,33	0,76	0,10		

$\alpha_w = 0,35 \text{ (M,H)} \pm 0,04 \text{ (**)}$

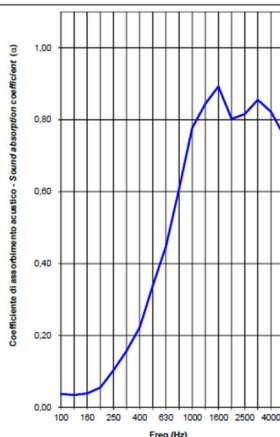
K = 2,00 - 95%

NRC = 0.50 (**)

Coefficiente di assorbimento acustico - Sound absorption coefficient (α)

Freq. (Hz)	α
100	0.03
125	0.03
160	0.04
200	0.05
250	0.10
315	0.16
400	0.22
500	0.34
630	0.45
800	0.61
1000	0.78
1250	0.84
1600	0.89
2000	0.80
2500	0.82
3150	0.86
4000	0.82
5000	0.76

Freq. (Hz)



SPYKON + 20mm polyester mattress:

Elemento in prova Tested element					SPYKON +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					10,80 ± 0,01 m²				

Freq. [Hz]	T ₁ [sec]	T ₂ [sec]	α _s (**)	U(α _s) (**)	α ₀ (**)	U(α ₀) (**)
100	5,98	4,82	0,11	0,05	0,15	-
125	6,65	4,89	0,15	0,05		
160	8,15	4,82	0,24	0,06		
200	7,91	4,00	0,35	0,06	0,50	0,05
250	7,37	3,24	0,49	0,07		
315	8,06	2,97	0,61	0,07		
400	8,48	2,73	0,71	0,07	0,80	0,05
500	7,52	2,37	0,82	0,07		
630	7,04	2,23	0,87	0,06		
800	6,59	2,06	0,95	0,06	0,95	0,05
1000	6,02	2,02	0,94	0,06		
1250	5,72	2,01	0,92	0,06		
1600	5,21	1,89	0,96	0,06	0,90	0,05
2000	4,64	1,92	0,87	0,06		
2500	4,00	1,81	0,86	0,06		
3150	3,16	1,66	0,82	0,07	0,75	0,06
4000	2,65	1,55	0,77	0,08		
5000	2,05	1,36	0,71	0,09		

$\alpha_w = 0,80 \pm 0,04 (**)$
K = 2,00 – 95%
NRC = 0,80 (**)

Coefficiente di assorbimento acustico - Sound absorption coefficient (α)

Freq (Hz)

SPYKON + 40mm polyester mattress:

Elemento in prova Tested element		SPYKON +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		10,80 ± 0,01 m²	

Freq. [Hz]	T ₁ [sec]	T ₂ [sec]	α _s (**)	U(α _s) (**)	α ₀ (**)	U(α ₀) (**)
100	5,98	3,74	0,29	0,10	0,35	-
125	6,65	3,68	0,35	0,09		
160	8,15	3,42	0,48	0,10		
200	7,91	2,80	0,66	0,10	0,75	0,07
250	7,37	2,68	0,67	0,09		
315	8,06	2,35	0,86	0,10		
400	8,48	2,30	0,90	0,08	0,95	0,05
500	7,52	2,11	0,97	0,08		
630	7,04	2,08	0,97	0,07		
800	6,59	2,09	0,93	0,06	0,95	0,05
1000	6,02	2,03	0,93	0,06		
1250	5,72	2,00	0,93	0,06		
1600	5,21	2,00	0,88	0,06	0,85	0,05
2000	4,64	1,97	0,83	0,06		
2500	4,00	1,86	0,82	0,06		
3150	3,16	1,72	0,75	0,07	0,70	0,06
4000	2,65	1,59	0,72	0,07		
5000	2,05	1,36	0,70	0,09		

$\alpha_w = 0,85 \pm 0,04 (**)$
K = 2,00 – 95%
NRC = 0,85 (**)

Coefficiente di assorbimento acustico - Sound absorption coefficient (α)

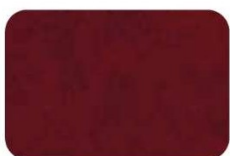
Freq (Hz)

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



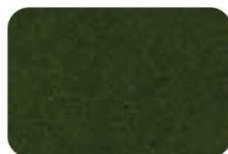
Cashmere green 89



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

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



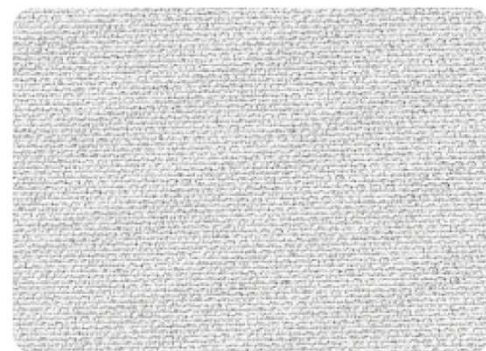
City grey 2604



✿ 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



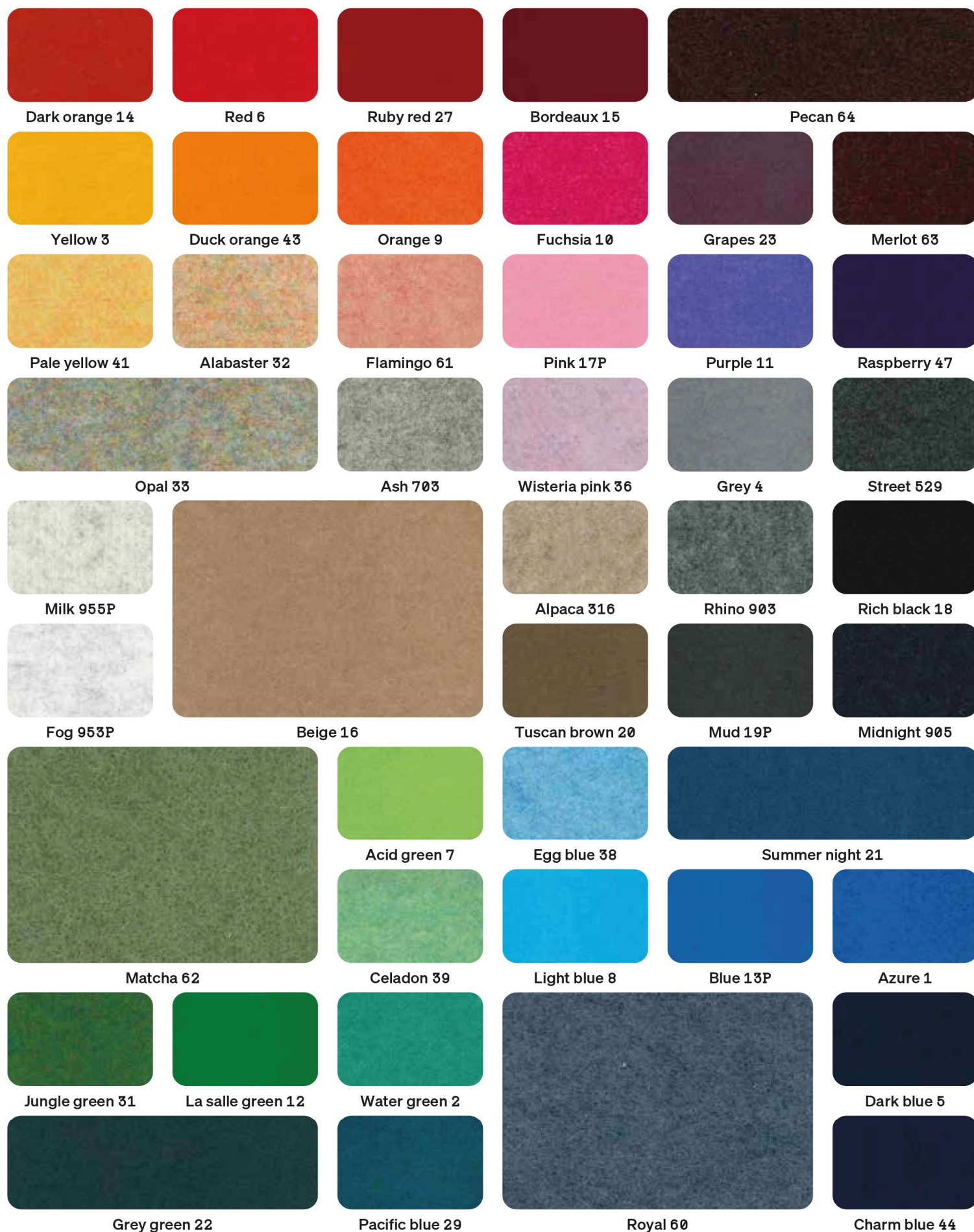
Midnight 2309



Blue romance 2303

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

Petfelt



100% Polyester
(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			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

30% Recycled Polyester
70% Polyester

Bouclè



Hibiscus 202B



✿ Koi orange 103B



Anemone 101B



Klinker 552B



Plum 252B



Oak 502B



Cookie 501



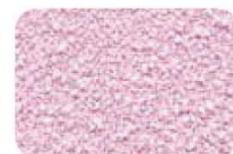
Peony 251



✿ Nude peach 152B



✿ Luna 606



Mademoiselle 151



✿ Deep ochre 52B



Star 51B



✿ Storm 605B



✿ Twilight revier 253



Champagne 503B



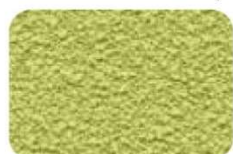
Snowflake 999B



Cliff 602



Graphite 604B



Aloe 453B



Pothos 452B



Pearl 601B



✿ Blue dusk 356



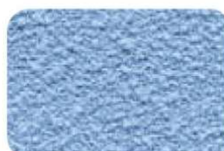
Mermaid 451B



Zen garden 454B



Aquamarine 401



Cloud 351B



Bubble 301B



Iris 303B



✿ Olive 455B



✿ Teal 402



Sailor 304