

NAME:

ECOflex

DESCRIPTION:

Thermobonded sound-absorbing monomateric panel

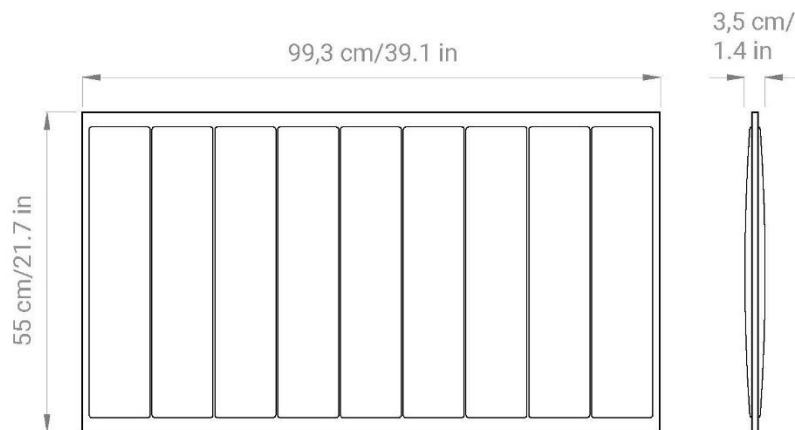
APPLICATIONS:

- Freestanding: for Slalom system - insert from up to down into the upright
- NOTE: *Connected with plastic joining elements to other panels in the composition*

FLEXIBILITY:

- 0° - 360°

NOTE: *ECOflex can be used with PVC and metal panels*



DIMENSIONS:

- L **99,3** x H **55** x THK **3,5** cm
- L **39.1** x H **21.17** x THK **1.4** in

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

WEIGHT:

- **1,6** kg/m²
- **0.33** lb/ft²

COMPOSITION:

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

Reaction to fire: B-s2, d0

Smoke class: F1

Certificate: Oekotex

- Finishes:

- **Trevira CS** - 100% 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



• **SOUND ABSORPTION REPORT:**

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



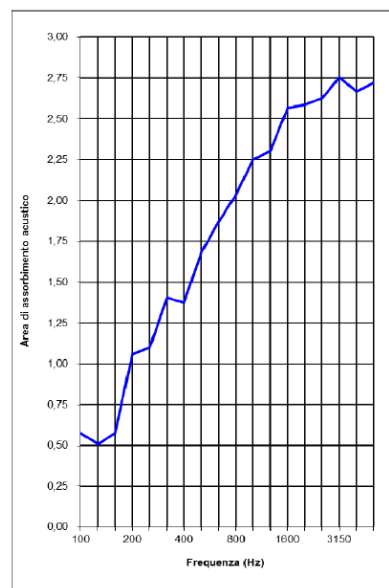
RISULTATI SPERIMENTALI / TEST RESULTS

Elemento in prova / *Tested element* **ECOFLEXpanel**

Numero di elementi / *Number of elements* N = **3,7**

FREQ (Hz)	T1 (sec)	T2 (sec)	Aeq (m2)
100	6,17	4,59	0,47
125	5,59	4,38	0,41
160	6,21	4,61	0,47
200	5,75	3,61	0,86
250	5,65	3,52	0,89
315	5,62	3,18	1,14
400	5,75	3,26	1,11
500	5,64	2,94	1,36
630	5,39	2,72	1,52
800	5,20	2,56	1,65
1000	4,89	2,37	1,82
1250	4,60	2,27	1,87
1600	4,10	2,03	2,08
2000	3,66	1,91	2,10
2500	3,02	1,71	2,13
3150	2,25	1,41	2,23
4000	1,87	1,26	2,16
5000	1,39	1,02	2,21

Valutazione secondo ISO 11654
Rating according to ISO 11654
 α_w = n.a.
NRC = n.a.





Apple green 463



Yellow 53



Light blue 386



Turquoise 366



Beige 532



White 999



Green tea 425



Carrot 66



Capri 379



Iceberg 377



Camel 533



Light grey 611T



Grass 464



Orange 120



Pastel blue 380



Queen blue 378



Tuscan brown 534



Pearl grey 643



Olive 426



Red 231



Steel blue 263



Sapphire 331



Tiger eye 119



Grey 629



Office green 443



Brick 572



Lavender 175



Office blue 332T



Brown sugar 569



Quartz grey 636



Forest green 496



Bordeaux 236



Red wine 234



Dark blue 334T



Taupe 607



Old silver 625



Peacock blue 411



Fuchsia 173



Purple 262



Midnight blue 333T



Dark mud 571



Black 651