Ecor acoustics

SOLO 9 mm.

Material	:	100% Polyester with min. 60% Recycled Content
Thickness	:	9 mm. +/- 10%
Panel Size	:	1220 x 2440 mm.
Weight	:	1600 g/m^2

Flammability

EN 13501-1 : Class B-s1, d0

REF from ASTM C423
NRC 0.30

Color Fastness to Light

ISO 105-B02 : Rating 6-7

Emission Data

TVOC Emission Rate : 0.021 mg/m^3

Formaldehyde Emission Rate : 2 µg/m^3

Recycled PET Fiber | Sound Absorbtion | Low VOC (Low Phenol & Formaldehyde) | High Resistance to Fire | Breathable Panel



Sound Absorption Coefficient	ISO 354								ASTM C423							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC	SAA	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC	SAA
SOLO 9 mm. (No Air Gap)	0.05	0.05	0.15	0.35	0.65	0.90	0.30	0.29	0.06	0.04	0.11	0.35	0.67	0.91	0.30	0.29
SOLO 9 mm. (25 mm. Air Gap)	0	0.10	0.25	0.65	1.00	1.00	0.50	0.50	0.05	0.16	0.45	0.83	1.05	0.98	0.60	0.62
SOLO 9 mm. (50 mm. Air Gap)	0.05	0.20	0.55	0.90	1.00	0.90	0.70	0.66	0.13	0.34	0.81	1.02	1.01	0.95	0.80	0.79
SOLO 9 mm. (200 mm. Air Gap)	0.25	0.75	0.95	0.80	0.90	0.95	0.85	0.86								
SOLO 9 mm. (400 mm. Air Gap)									0.95	1.04	0.72	0.86	0.99	1.03	0.90	0.92

OUR COLOUR AND LIGHT REFLEXTION VALUE (LRV)

LRV : 15.97 ◯ A002 Rock

LRV : 20.64 ◯ A003 Graphite

LRV : 34.15 ◯ A004 Mist

LRV : 45.83 ◯ A005 Stone

LRV : 31.79 ◯ A006 Sand

LRV : 39.25 ◯ A007 Eggshell

LRV : 7.97 ◯ A008 Cobalt

LRV : 10.88 ◯ A009 Teal

LRV : 44.03 ◯ A010 Citron

LRV : 24.15 ◯ A011 Sunrise

LRV : 9.34 ◯ A012 Rose

LRV : 8.97 ◯ A013 Ruby

LRV : 2.21 ◯ A015 Black

LRV : 41.39 ◯ A016 Amber