

ECOUSTIC® PANEL COLLECTION



unika vaev
INSTYLE

Hear yourself think®

ECOUSTIC® COLORS WITH CORE .31" & .53"



AQUA



AUBERGINE



BALTIC



BERRY



CAMEO



CAPER



CHARCOAL



COBALT



CREAM



DOVE



FIELD



FOSSIL



FRESCO



GREEN



INDIGO



JET



LEMON



LIGHT GREY



LIME



NATURAL



NAUTICAL



OATMEAL



OPAL



ORANGE



OYSTER



PAPRIKA



PEWTER



QUARTZ



RED



SKY



SPRAY



TAUPE



WHITE



YELLOW

Product may vary in color due to the nature of the media
Please refer to website for current color range

ecoustic® global leaders
by INSTYLE in acoustic
products

ECOUSTIC® COLORS WITH CORE .98" & 1.97"



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WHITE



YELLOW

All 0.98" panels are standard with white core, black core is special order item
 Product may vary in color due to the nature of the media
 Please refer to website for current color range

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ECOUSTIC® PANELS



COMPOSITION 100% PET (up to 80% recycled PET)

THICKNESS / WT
 .31" Panel 0.31" 8mm (+/- 0.04" or 1mm) / 11.2 lbs ea
 .53" Panel 0.53" 13.5mm (+/- 0.04" or 1mm) / 19.9 lbs ea
 .98" Panel 0.98" 25mm (+/- 0.08" or 2mm) / 19.2 lbs ea
 1.97" Panel 1.97" 50mm (+/- 0.08" or 2mm) / 30.1 lbs ea

DENSITY
 .31" Panel 1.21 lb/ft³
 .53" Panel 1.27 lb/ft³
 .98" Panel 0.66 lb/ft³
 1.97" Panel 0.52 lb/ft³

DIMENSIONS 107.1" x 47.6" nominally (2720mm x 1210mm)
 Length: +/- .4" (10mm) Width: +/- .2" (5mm)

FIRE RATINGS
 ASTM E84 Class A (0.31", 0.53", + 0.98" white core)
 Class B (0.98" black core + 1.97" white core)
 BCA Group 1
 AS/ISO 9705
 AS/NZS 1530.3
 GB 8624-2012
 CAN ULC S102

ACOUSTIC NRC 0.3 - 1.0 (graphs on following pages)
 AS/ISO 354

APPLICATION Screen, Wall, and Ceiling

PLEASE NOTE On site trimming to square each individual panel is essential. ecoustic® Panel is designed to optimally fit with walls, which results in using less labor and materials. Variation in thickness, fiber mix, color, as well as flecks and other slight surface blemishes are an inherent feature of this product and therefore unavoidable. Variation from batch to batch may occur.

HOW TO SPECIFY	
PRODUCT	ecoustic® Panel
THICKNESS	0.31", 0.53", 0.98", or 1.97"
COLOR	34 options of ecoustic® Felt
EDGE TRIM	Optional addition - order separately

Designed for the Environment

- Mindful MATERIALS
- Cal 01350 Compliant
- Low-VOC
- Recycled Content + Rapidly Renewable Content
- Declare CDHP Emissions Compliant
- Global Greentag
- EPD + HPD

Toxicity: Polyester is non-toxic and is classed the same as wood under the State of New York Article 15 Part 1120. ecoustic® Panels do not contain Red List Chemicals (USA EPA)

Lightweight, Easy to Handle + Install: Compared to traditional panels, ecoustic® Panel is lower in weight, easier to handle, and results in reduced transportation costs. Panels can be trimmed and installed without the need for additional finishes, which reduces labor and material costs. Installation + Care Guidelines are available on unikavaev.com.

Edging Profile: Natural anodized aluminum edging available for each thickness and a universal 'T Trim' for .53", .98", and 1.97" ecoustic® Panels

Building Rating Systems: ecoustic® Panel will contribute the following points for Green Star, LEED + WELL building standards:

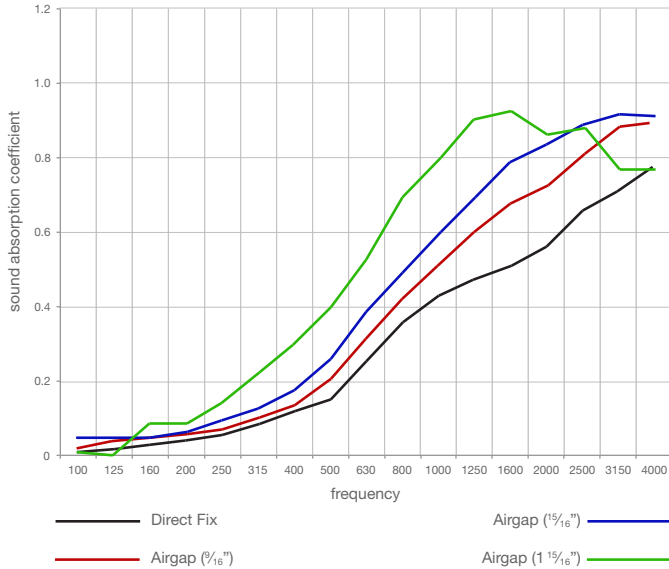
Criteria	Green Star	LEED	WELL
Recycled content	✓	✓	N/A
Low-VOC	✓	✓	✓
Recycling Program	✓	✓	N/A
EPD	✓	✓	N/A
Declare Label	✓	✓	N/A
Toxic Material Reduction	N/A	N/A	✓
Greentag Level A Certification	✓	✓	✓
Sound Reducing Surfaces (.98" + 1.97")	N/A	N/A	✓



ECOUSTIC® PANEL ACOUSTIC PERFORMANCE

ecoustic® Panel 0.31"

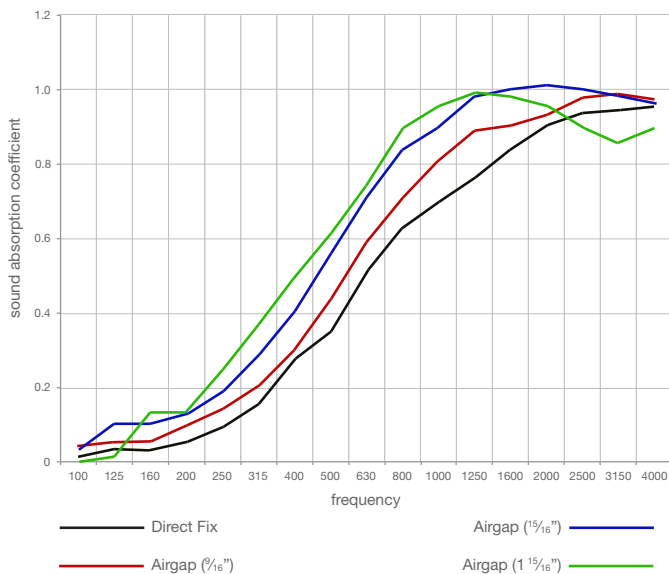
Direct Fix NRC 0.3
 0.55" Air Gap NRC 0.4
 0.94" Air Gap NRC 0.45
 1.97" Air Gap NRC 0.55



Frequency	Direct Fix	0.55" Air Gap	0.94" Air Gap	1.97" Air Gap
100	0.01	0.02	0.05	0.01
125	0.03	0.04	0.05	0.00
160	0.04	0.04	0.05	0.08
200	0.05	0.06	0.06	0.08
250	0.06	0.07	0.09	0.15
315	0.08	0.10	0.13	0.22
400	0.13	0.15	0.18	0.30
500	0.17	0.21	0.25	0.40
630	0.27	0.34	0.37	0.54
800	0.37	0.43	0.49	0.68
1000	0.43	0.52	0.60	0.80
1250	0.47	0.60	0.69	0.90
1600	0.54	0.68	0.79	0.92
2000	0.57	0.74	0.83	0.87
2500	0.65	0.81	0.87	0.89
3150	0.71	0.87	0.90	0.77
4000	0.77	0.88	0.88	0.77
5000	0.80	0.88	0.88	0.90
NRC	0.3	0.4	0.45	0.55

ecoustic® Panel 0.53"

Direct Fix NRC 0.5
 0.55" Air Gap NRC 0.6
 0.94" Air Gap NRC 0.65
 1.97" Air Gap NRC 0.7

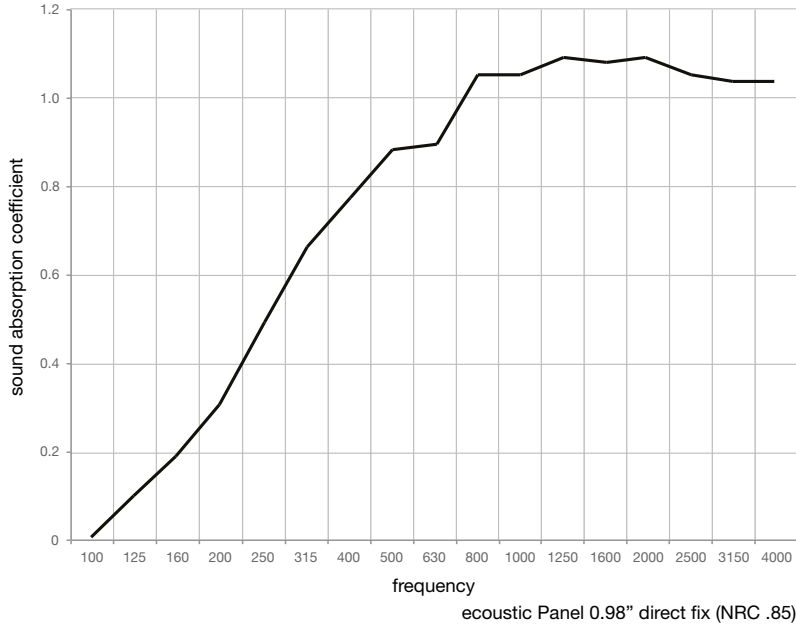


Frequency	Direct Fix	0.55" Air Gap	0.94" Air Gap	1.97" Air Gap
100	0.03	0.05	0.04	0.00
125	0.06	0.06	0.10	0.02
160	0.05	0.06	0.10	0.16
200	0.07	0.10	0.13	0.16
250	0.10	0.14	0.13	0.16
315	0.17	0.21	0.29	0.38
400	0.26	0.31	0.41	0.48
500	0.36	0.44	0.57	0.62
630	0.52	0.59	0.71	0.75
800	0.63	0.71	0.84	0.89
1000	0.69	0.81	0.90	0.94
1250	0.77	0.87	0.98	0.99
1600	0.84	0.90	1.00	0.97
2000	0.91	0.94	1.01	0.94
2500	0.94	0.98	1.00	0.89
3150	0.95	0.98	0.98	0.85
4000	0.96	0.96	0.96	0.89
5000	0.96	0.96	0.94	0.96
NRC	0.5	0.6	0.65	0.7

ECOUSTIC® PANEL ACOUSTIC PERFORMANCE

ecoustic® Panel 0.98”

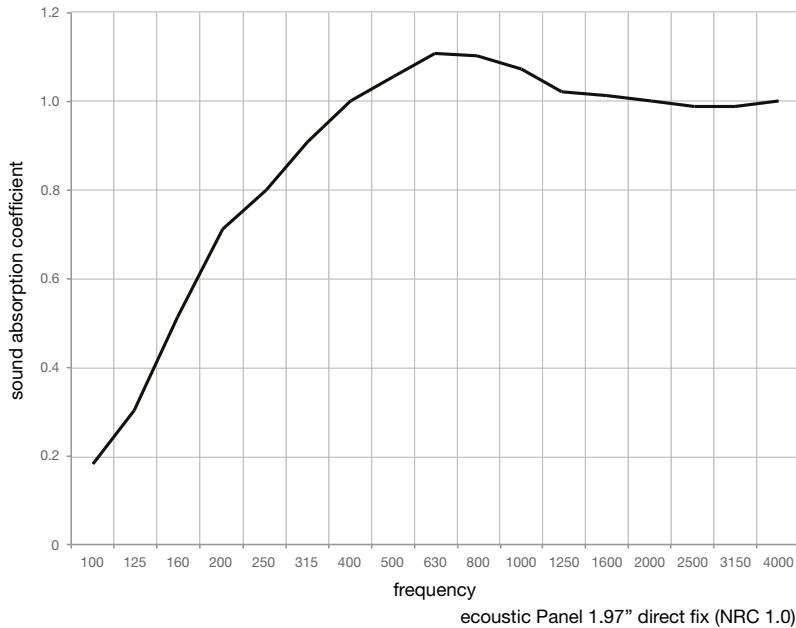
Direct Fix NRC 0.85



Frequency	Direct Fix
100	0.05
125	0.10
160	0.19
200	0.32
250	0.47
315	0.66
400	0.78
500	0.88
630	0.89
800	1.04
1000	1.04
1250	1.08
1600	1.07
2000	1.08
2500	1.04
3150	1.03
4000	1.03
5000	1.00
NRC	0.85

ecoustic® Panel 1.97”

Direct Fix NRC 1.0



Frequency	Direct Fix
100	0.19
125	0.31
160	0.52
200	0.68
250	0.80
315	0.90
400	1.00
500	1.05
630	1.12
800	1.11
1000	1.08
1250	1.03
1600	1.02
2000	1.00
2500	0.99
3150	0.99
4000	1.00
5000	1.01
NRC	1.0