

ECOUSTIC® TIMBRE PANEL



unika vaev

INSTYLE

Hear yourself think®

ECOUSTIC® TIMBRE PANEL - FINISHES

Finishes seen below are available in 3 thicknesses, 0.35", 0.47", & 0.94"



ARTISAN



HERITAGE



MAINE



NORDIC



RURAL



SMOKED



URBAN

Patterns shown are not to scale
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® TIMBRE PANEL



CONTENT	100% PET
THICKNESS	0.35", 0.47", or 0.94" (9mm, 12mm, or 24mm)
WEIGHT	7.9 Oz/Sq Ft (2400 gsm +/- 10%)
PRINT DIMENSIONS	
0.35" Panel	47 1/4" x 94 1/2" (1200mm x 2400mm)
0.47" Panel	47 1/4" x 106 5/16" (1200mm x 2700mm)
0.94" Panel	47 1/4" x 106 5/16" (1200mm x 2700mm)
PANEL DIMENSIONS	
0.35" Panel	48 1/16" x 96 1/16" (1220 x 2440mm)
0.47" Panel	48 1/16" x 110 1/4" (1220mm x 2800mm)
0.94" Panel	49 3/16" x 108 1/4" (1250mm x 2750mm)
FLAMMABILITY	
ASTM E84	0.47" - Class A, 0.35" + 0.94" - Class C
AS/NZS 1530.3	
AS/ISO 9705	
ACOUSTIC	
0.35" Panel	NRC 0.30
0.47" Panel	NRC 0.40 NRC 0.70 w/ 2" air-gap
0.94" Panel	NRC 0.65 (see graph on following page)
APPLICATION	Screen, Partition, Wall, and Ceiling
PLEASE NOTE	Onsite trimming to square each individual panel and remove unprinted border is essential. Variation in thickness, fiber mix, and color, as well as flecks and other slight surface blemishes are an inherent feature of this product and are unavoidable.

Variation from batch to batch may occur

unikavaev.com
800-237-1625



Lightweight, Easy to Handle + Install

Edging Profile: 0.57" natural anodized aluminum Trim Edging length at 108" (+/- .2") with counter sunk holes are available.

Designed for the Environment:

- Declare CDHP Emissions Compliant
- Low-VOC
- Oeko-Tex Certified
- ISO 14001-certified Environmental Management System
- Solid Core panels used to produce Flats Timbre are Cradle to Cradle - Bronze certified
- No Red List Chemicals (USA EPA)
- No FR Additives
- Printed with leading HP low-VOC water-based latex ink technology, see more on the filal page Sustainability section
- Ozone-free, no hazardous air pollutants, nickle-free, PVC-free + odorless printing ink is US Greenguard Gold certified + Ecologo certified
- Recyclable

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

Criteria	Green Star	LEED	WELL
Low VOC	√	√	√
3rd Party Certification	-	√	√
Manufacturer Certified EMS	√	NA	NA
Toxic Material Reduction	NA	NA	√

HOW TO SPECIFY	
DESIGN	ecoustic® Timbre
PANEL THICKNESS	.35", .47", or .94"
COLOR	Select from 7 Timbre finishes



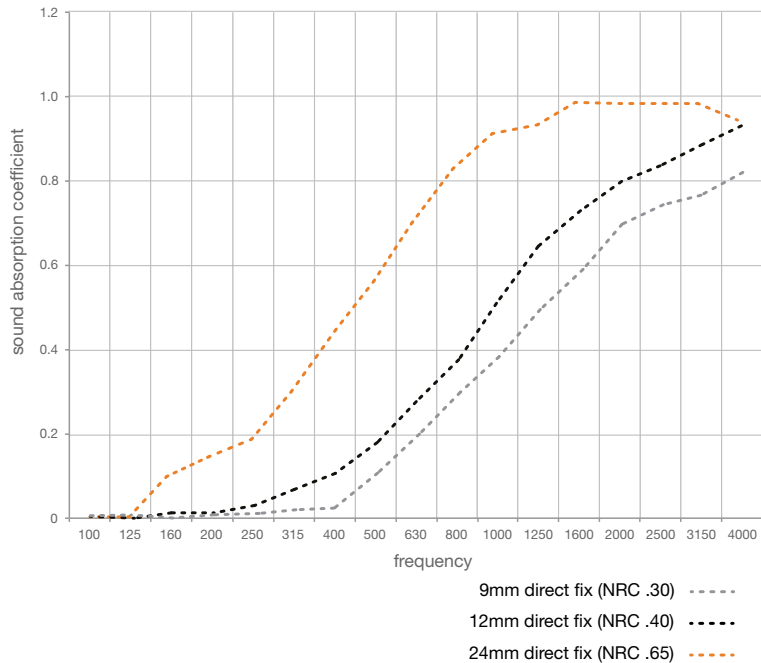
ECOUSTIC® TIMBRE PANEL ACOUSTIC PERFORMANCE

The sound-absorption has been tested in accordance with AS/ISO 354

0.35" Panel - NRC 0.30 (direct fix)

0.47" Panel - NRC 0.40 (direct fix)

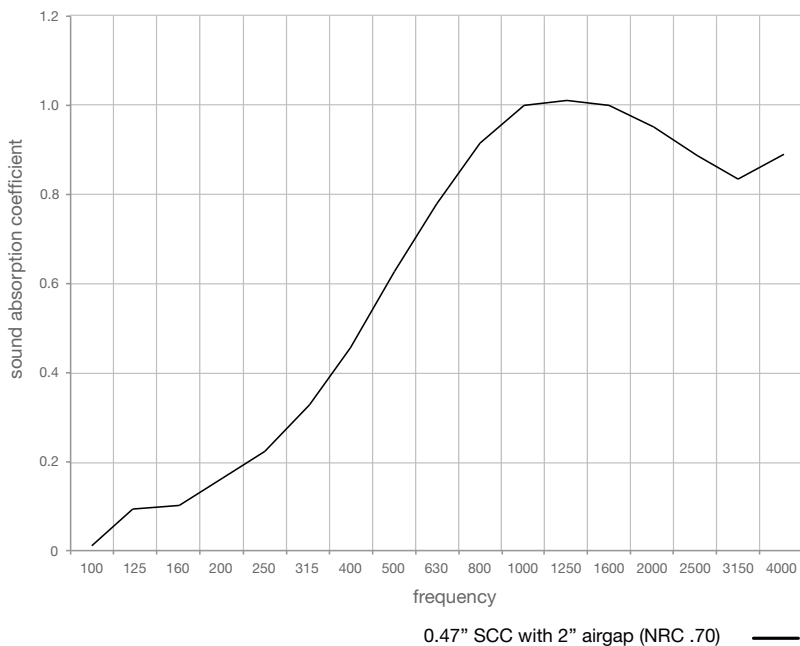
0.94" Panel - NRC 0.45 (direct fix)



Frequency	0.31"	0.47"	0.94"
100	0.03	0.07	0.06
125	0.00	0.01	0.07
160	0.01	0.02	0.10
200	0.02	0.02	0.14
250	0.04	0.04	0.19
315	0.06	0.08	0.31
400	0.09	0.12	0.46
500	0.12	0.19	0.57
630	0.20	0.28	0.70
800	0.29	0.39	0.83
1000	0.38	0.53	0.92
1250	0.49	0.65	0.93
1600	0.59	0.75	0.99
2000	0.68	0.82	0.98
2500	0.74	0.85	0.98
3150	0.77	0.90	0.98
4000	0.82	0.91	0.94
5000	0.81	0.82	0.91
NRC	0.30	0.40	0.65

The sound-absorption has been tested in accordance with AS/ISO 354

0.47" Panel - NRC 0.70 (2" air gap)



Frequency	0.47"
100	0.02
125	0.09
160	0.10
200	0.17
250	0.23
315	0.34
400	0.45
500	0.63
630	0.78
800	0.91
1000	1.00
1250	1.01
1600	1.00
2000	0.95
2500	0.88
3150	0.83
4000	0.87
5000	0.89
NRC	0.70

HP INC. LATEX PRINT SUSTAINABILITY

Latex Print Benefits

	HP Latex Print
Non-Reactive	✓
Non-Hazardous Ink	✓
Low VOC	✓
Odorless	✓
Ink Supply Recycling	Non-hazardous ink + free take back program

- HP Latex Inks contain up to 65% water. Using water-based inks eliminates exposure to high solvent concentrations, and simplifies ventilation, storage, and transportation requirements
- Ozone free: No ground level ozone is generated with HP Latex Inks. Ground level ozone generation is associated with the UV ink curing process when mercury UV lamps are used.
- No HAPs: No Hazardous Air Pollutants (HAPs) present in HP Latex Inks. HAPs are those pollutants that are known or suspected to cause cancer or other serious health effects, such as reproductive effects or birth defects, or adverse environmental effects
- Odorless prints: Intensity and hedonic testing indicates weak and neutral odour for HP Latex Ink and UV ink is rated as distinct and unpleasant odor.

Ecologo Certification

A prominent, voluntary certification issued by UL and recognized worldwide. Ecologo® Certification to UL 2801 demonstrates that an ink meets a range of multi-attribute, lifecycle-based stringent criteria related to human health and environmental considerations. The standard criteria include testing for heavy metals content and solvents, requirements for low VOC content levels, as well as product recyclability. HP is the only printing company to have Ecologo® Certified inks.

Greenguard Gold Certification

A prominent, voluntary third-party certification issued by UL and recognized worldwide. UL Greenguard Gold Certification to UL 2818 demonstrates that products are certified to UL Greenguard standards for low chemical emissions into indoor air during product usage. UL Greenguard Gold Certification indicates that products, including inks, printed substrates, and the combination of both for indoor applications, contribute to healthier indoor environments by minimizing potential exposure to airborne chemicals.

HP In Action

- HP Named to DJSI World Index, FSTE4Good, CDP Climate A List, and EcoVadis CSR Ratings
- Has one of most diverse board of directors among U.S. technology companies
- Sourced 550,000 pounds of ocean-bound plastic to make new HP ink cartridges
- Committed to achieving 100% renewable electricity usage in global operations
- Pledged to enable better learning outcomes for more than 100M people by 2025
- First to publish supply chain responsibility code of conduct and industry-leading standards

