

Ecoustic® Timbre Point Panel

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An elegant acoustic printed panel available in 7 woodgrain finishes with a perforated look ideal for commercial interiors



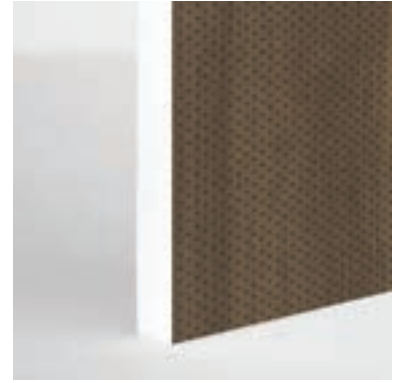
Finishes



TIMBRE POINT Nordic WD



TIMBRE POINT Maine WD



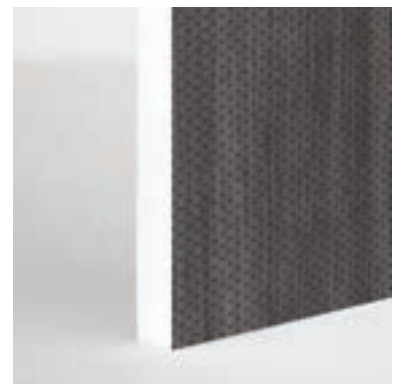
TIMBRE POINT Rural BD



TIMBRE POINT Heritage WD



TIMBRE POINT Artisan BD



TIMBRE POINT Smoked BD

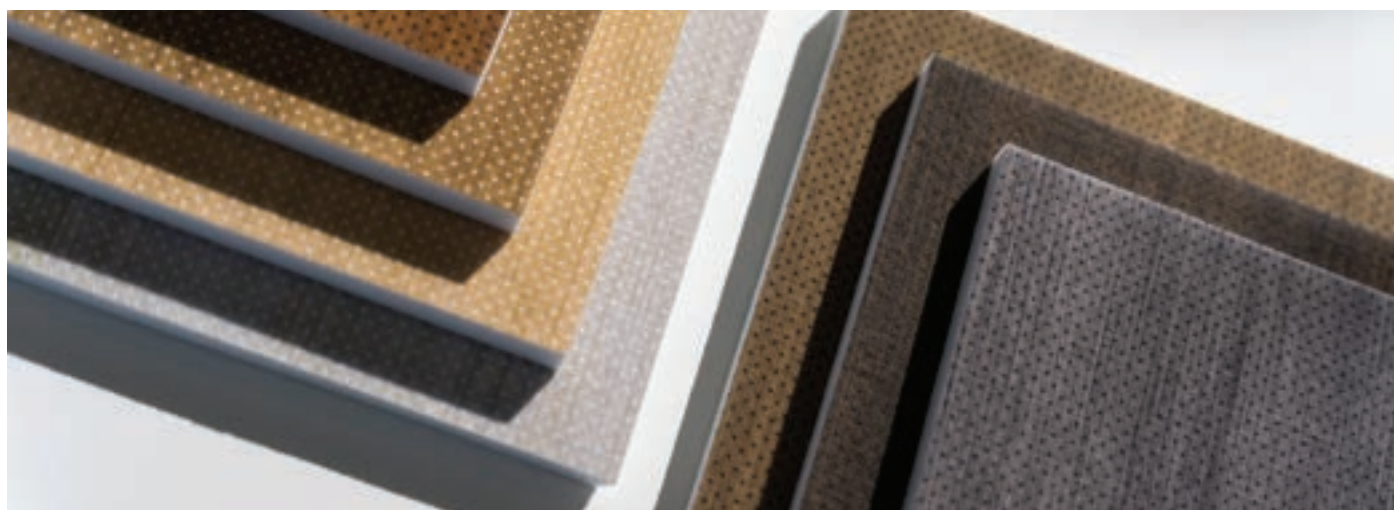


TIMBRE POINT Urban BD

WD White Dot
BD Black Dot

Patterns shown are not to scale
Product may vary in colour due to the nature of the media
Please refer to website for current colour range

Ecoustic® Timbre Point



COMPOSITION	100% PET + HP water-based latex digital print
THICKNESS	9mm, 12mm or 24mm
PRINT DIMENSIONS	1200 x 2700mm approx (12mm, 24mm) 1200 x 2400mm approx (9mm)
FIRE RATINGS	
AS/NZS 1530.3	9mm 12mm + 24mm
Ignitability	9 8
Spread of Flame	0 0
Heat Evolved	3 1
Smoke Developed	6 5
AS/ISO 9705	BCA Group 1 SMOGR _A <100
	NZBC Group 1-S
ASTM E84	9mm: Class C 12mm: Class A
LIGHTFASTNESS	>7
ACOUSTIC	9mm: NRC 0.3* - 0.85^ 12mm: NRC 0.4* - 0.85^ 24mm: NRC 0.65* - 0.95^ * Direct Fix, ^ (200mm airgap)
APPLICATION	Screen, wall + ceiling panel
EDGING	Edging options are available
IMPORTANT	Onsite trimming to square each individual panel + remove unprinted border is essential. Slight variation in thickness may occur. Similar to genuine timber there may be colour variations from batch to batch and across the three thicknesses. Results from performance tests are guidelines only.

BENEFITS

Group 1 Fire Rating: Unlike most timber products, Ecoustic® Timbre Point achieves a Group 1 fire rating

Lightweight, Easy to Handle + Install

Designed for the Environment

- Printed with leading HP low-VOC water-based latex ink technology, see more on Sustainability section
- Ozone-free, no hazardous air pollutants, nickel-free, PVC-free + odourless printing ink is US Greenguard Gold-certified + Ecologo certified



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

Criteria	Green Star	LEED	WELL
Low VOC	√	√	√
Stewardship - Recycling	√	√	NA
Cradle to Cradle Certification	NA	√	√
Declare Label	NA	√	√
Manufacturer EMS	√	NA	NA
Toxic Material Reduction	NA	NA	√

HOW TO SPECIFY

DESIGN	Ecoustic® Timbre Point Panel
PANEL THICKNESS	9mm (1200 x 2400mm) 12mm (1200 x 2700mm) 24mm (1200 x 2700mm)
COLOUR	Select from Timbre Point finishes
EDGING	Optional extra - order separately

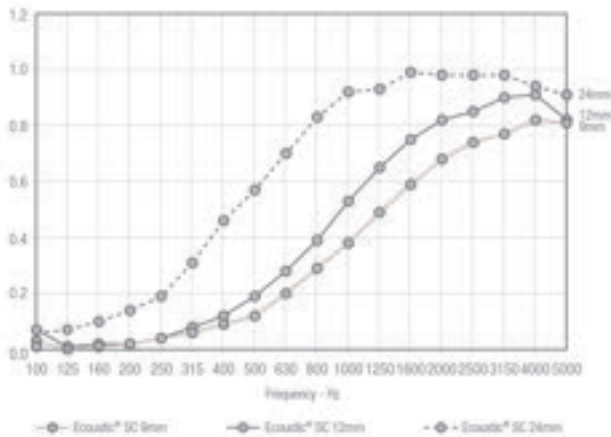
Acoustic Performance

DIRECT FIX

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

9mm NRC 0.3 / α_w 0.2 (Direct Fix)
 12mm NRC 0.4 / α_w 0.25 (Direct Fix)
 24mm NRC 0.65 / α_w 0.45 (Direct Fix)

For complete test reports please contact your local distributor



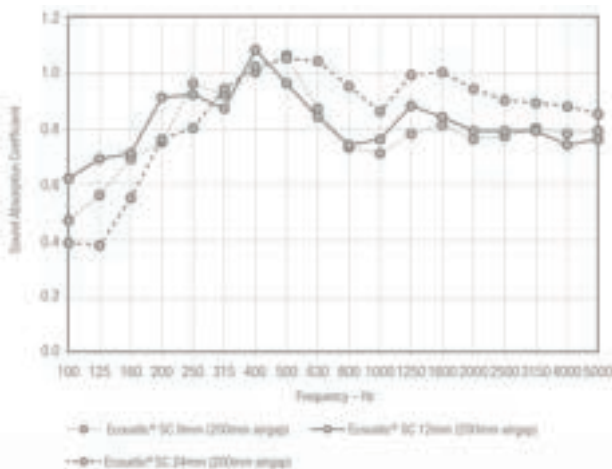
Frequency	α_S 9mm	α_S 12mm	α_S 24mm
100	0.03	0.07	0.06
125	0.00	0.01	0.07
160	0.01	0.02	0.10
200	0.02	0.02	0.14
250	0.04	0.04	0.19
315	0.06	0.08	0.31
400	0.09	0.12	0.46
500	0.12	0.19	0.57
630	0.20	0.28	0.70
800	0.29	0.39	0.83
1000	0.38	0.53	0.92
1250	0.49	0.65	0.93
1600	0.59	0.75	0.99
2000	0.68	0.82	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	0.3	0.4	0.65

200MM AIRGAP

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

9mm NRC 0.85 / α_w 0.78 (200mm air gap)
 12mm NRC 0.85 / α_w 0.8 (200mm air gap)
 24mm NRC 0.95 / α_w 0.95 (200mm air gap)

For complete test reports please contact your local distributor



Frequency	α_S 9mm	α_S 12mm	α_S 24mm
100	0.47	0.62	0.39
125	0.56	0.69	0.38
160	0.69	0.71	0.55
200	0.75	0.91	0.76
250	0.96	0.92	0.80
315	0.92	0.87	0.94
400	1.00	1.08	1.02
500	1.06	0.96	1.05
630	0.87	0.84	1.04
800	0.73	0.74	0.95
1000	0.71	0.76	0.86
1250	0.78	0.88	0.99
1600	0.81	0.84	1.00
2000	0.76	0.79	0.94
2500	0.77	0.76	0.90
3150	0.80	0.79	0.89
4000	0.78	0.74	0.88
5000	0.79	0.76	0.85
NRC	0.85	0.85	0.95

HP Inc. Latex Print Sustainability

Latex Print Benefits

	HP Latex Print
Non-Reactive	√
Non-Hazardous Ink	√
Low VOC	√
Odourless	√
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
- Odourless prints: Intensity and hedonic testing indicates weak and neutral odour for HP Latex Ink and UV ink is rated as distinct and unpleasant odour.

Ecologo Certification

A prominent, voluntary certification issued by UL and recognised 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 recognised 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