



DecraPerf

Decorative Perforated Acoustic
Wood Panels



Decra Acoustics has added an exciting range of Acoustic Wood Panels to its extensive range of decorative interior acoustic products. DecraPerf™ acoustic panels offer a diverse range of perforation patterns and surface finishes to suit any commercial project. Decra Acoustics have worked with architects and interior designers to release this range of sound absorbing panels, with beautiful, durable laminate and veneer finishes. DecraPerf can be combined with a number of absorbing materials to create a range of acoustic treatments.

Typical Sound Absorption Values

PANEL PERFORATION	SOUND ABSORPTION AT CENTRE FREQUENCIES (Hertz) SHOWN BELOW:						
	125	250	500	1000	2000	4000	N.R.C.
3mmHOLES @ 16mm ctc	0.37	0.90	1.06	0.90	0.77	0.81	0.90
6mm HOLES @ 16mm ctc	0.12	0.32	0.68	0.96	0.60	0.68	0.64
9mm HOLES @ 16mm ctc	0.74	0.76	0.74	0.75	0.60	0.52	0.70

The higher the Sound Absorption figure the better the performance. As an example, an NRC [Noise Reduction Co-efficient] of 0.90 equates to up to 90% of the sound striking the panel being absorbed. For specifying project work, it is recommended that an acoustic engineer be consulted. DecraPerf Acoustic Panels have been tested in approved acoustic laboratories.

Product Composition

- The core material consists of superior grade medium density fibreboard [MDF]
- Acoustic absorption is achieved by perforating the panels with repeating patterns of slots, grooves, holes, or custom patterns, and installing acoustic insulation behind the panels.
- A range of colours with four types of surface finishes [natural wood, HPL veneer, UV coating, paint or lacquer]
- Tex™ Acoustic Felt is attached to the back of all panels
- Standard panel thickness is 16mm and 18mm
- Class "A" Fire Rating

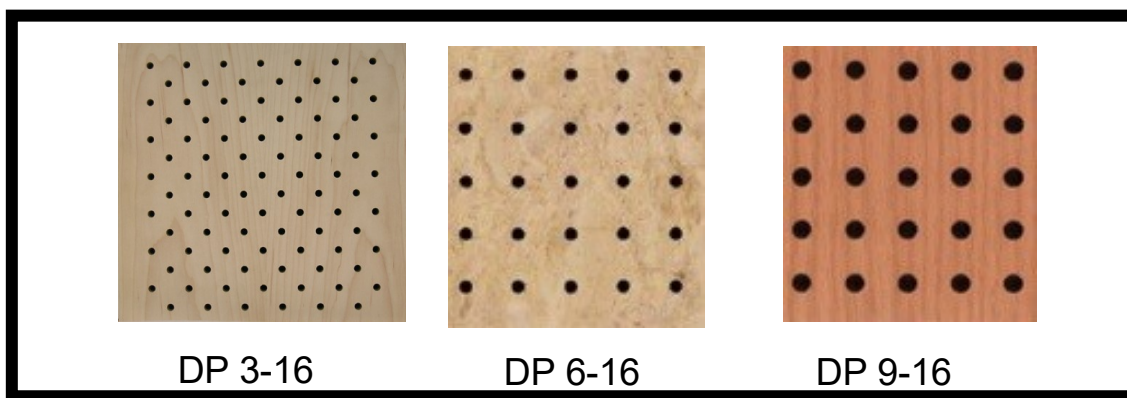
Applications

DecraPerf Ceiling and Wall Panels have been designed for use in interior environments, to suit the needs of all types of applications. DecraPerf acoustic panels can be tailor made to suit classic or contemporary interior designs, and be included in projects such as Lecture Theatres, Cinemas, Auditoriums, Churches, Hotels, Theatres, etc. The finished surfaces of the DecraPerf range are hard wearing and sturdy to withstand environments where physical impact may occur, such as sport complexes, night clubs, and stadiums.

Installation

DecraPerf acoustic panels can be installed to ceilings using conventional suspended grid systems. However, DecraPerf also has its own unique range of fixings. To fix Wall Panels DecraPerf Flexiline™ system is available. This system enables the panels to be securely fixed while offering the flexibility of easy removal later. Ask your local distributor for details.

Designs or patterns



Sizes

2400mm*1200mm, 2400mm*600mm,
1800mm*1200mm.
1200mm*1200mm
1200mm*600mm

Thicknesses

12mm,16mm,18mm

Facings

Decorative Laminate
High Pressure Laminate
Painted
Real Wood Veneers

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