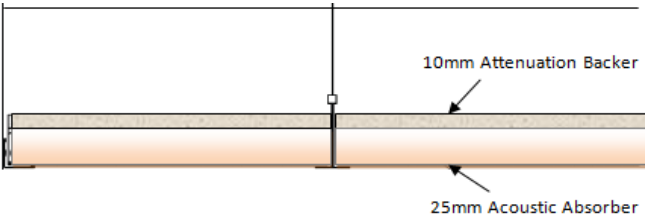
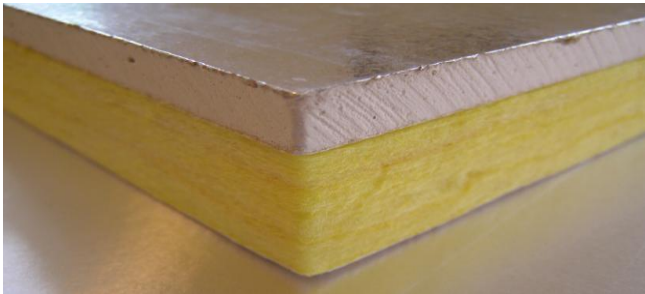




Acoustic Plus

DUAL BLOC 35MM CEILING PANELS

Absorber/Attenuator NRC .70 CAC 42



Description

Acoustic Plus Dual Bloc is a 35mm thick composite acoustical suspended ceiling panel. The combination of sound absorbing glass fibre laminated to a foil lined plasterboard attenuator backer is engineered to provide the dual benefit of sound absorption at NRC .70 and a high level of attenuation at CAC 42 for cost effective control of both reverberation and transmitted noise from adjacent rooms. Acoustic efficiency, best in class thermal resistance, an easy to clean, hygienic surface finish and Green Star certification provides an innovative acoustic solution by Ecoplus Systems.

Ideal uses

- Schools / educational facilities
- Open plan office and call centre environments
- Under metal roofs to muffle rain noise

How to specify

Ecoplus Systems products are available for specification on Masterspec and Smartspec. Specification documents can also be downloaded from www.ecoplus-systems.com or call 0800 432 675

Product code

Item: DUAL335 | Size: 1195 x 595x 35mm | Finish: Mixed

Composition

Acoustic Plus Dual Bloc is manufactured from a 100kg /m³, 25mm thick glass fibre acoustic absorber, laminated to a 10mm, foil lined plasterboard attenuator backing.

Sound Absorption - ASTM C423 ISO 354

NRC 0.70 αw 0.60	frequency (Hz)	500	1000	2000	4000
Practical sound absorption coefficients		.60	.90	1.0	.95

Airborne Sound Reduction - ASTM E413-87

Rw 21 db STC 21db

Thermal Resistance

R .84 m² K/W

Weight

9.3 Kg's per m²

Fire Classification

NZBC Group 1S

Installation

The building must be water tight and dry before installation commences. M/E fittings should be independently supported.

Maintenance and accessibility

Acoustic plus ceiling panels can be cleaned with a soft nozzle vacuum, soft brush or cloth. Panels are demountable.

Features	Benefits
High sound absorption - NRC 0.70 αw .60	Reduced background noise and reverberation
Attenuation of airborne noise - STC 21 db / CAC 42	Effective room to room privacy / Muffles rain noise
Thermal efficiency R.84 m ² K/W	Efficient use of energy / Reduced heating cost
Meets Green Star emissions certification	Sustainable, helps achieve points toward Green Star fit-outs
Hygienic surface finish	Cleanable, resistant to mould and bacteria
Foil backing and enclosed edges - Dry cell	Prevents tile damage from water egress through the ceiling
The acoustic performance of this product has been tested and measured by Auckland University Acoustic Services	