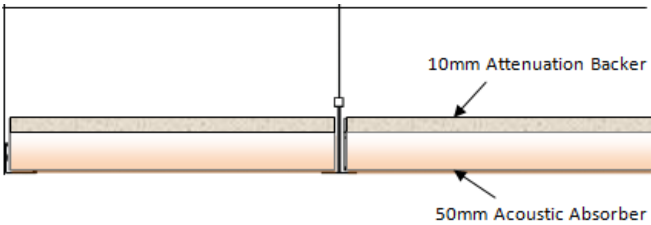
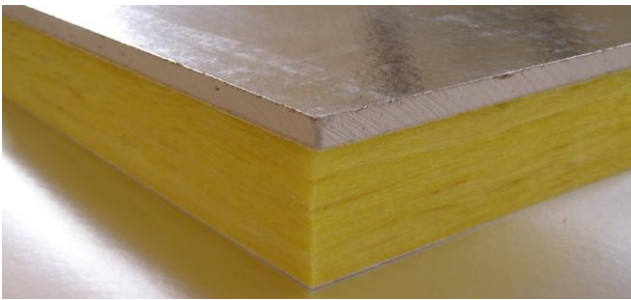




Acoustic Plus

DUAL BLOC 60MM CEILING PANELS

Absorber/Attenuator NRC .90 CAC 46



Description

Acoustic Plus Dual Bloc is a 60mm composite thermo acoustic suspended ceiling panel. The combination of sound absorbing glass fibre laminated to a plasterboard attenuator backer is engineered to provide the dual benefit of sound absorption at NRC .90 and a high level of attenuation at CAC 46 for 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: DUAL360 | Size: 1195 x 595x 60mm | Finish: Mixed

Composition

Acoustic Plus Dual Bloc is manufactured from an 80kg /m³, 50mm thick glass fibre acoustic absorber, laminated to a 10mm, foil lined plasterboard attenuator backing.

Sound Absorption - ASTM C423 ISO 354

NRC 0.90 αw 0.95	frequency (Hz)	500	1000	2000	4000
Practical sound absorption coefficients		1.0	1.0	1.0	1.0

Airborne Sound Reduction - ASTM E413-87

Rw 23 db STC 23 db

Thermal Resistance

R 2.1 m² K/W

Weight

10.8 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
Very high sound absorption - NRC 0.90 αw .95	Reduced background noise and reverberation
Attenuation of airborne noise - STC 23 db / CAC 46	Effective room to room privacy / Muffles rain noise
Thermal efficiency R2.1 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	