



Acoustic Plus

DUAL BLOC 60MM CEILING PANELS

Absorber/Attenuator NRC .90 CAC 46

Square edge (SQ)



Product item	Edge	Code
1195 x 595 x 60mm	SQ	DUAL360

Description

Acoustic Plus Dual Bloc 60 is a 60mm thick composite thermo acoustic suspended ceiling tile. 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.

Composition

Acoustic Plus Dual Bloc 60 is manufactured from a 80kg /m³, 50mm thick glass fibre acoustic absorber, laminated to a 10mm, foil lined plasterboard attenuator backing.

Ideal uses

- Privacy areas - Doctors surgery etc
- 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 Masterpsec and Smartspec. Specification documents can also be downloaded from www.ecoplus-systems.com or call 0800 432 676

System integration for balanced acoustic design

Acoustic Plus™ is a range of matching ceiling tiles. Each type of tile has specific acoustic attributes and when used in conjunction with each other, provides a balanced acoustic environment - all with a matching surface finish. Integrate Acoustic Plus Dual Block 60 with Sound Reflector to enhance speech intelligibility. Ideal for education builds.

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

Fire Class

NZBC Group1S

Thermal Resistance

R2.1 m² K/W

Weight

9.3 Kg's per m²

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 tiles can be cleaned with a soft nozzle vacuum, soft brush or cloth. Panels are demountable.

Features	Benefits
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
Certified non toxic and low VOC	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	