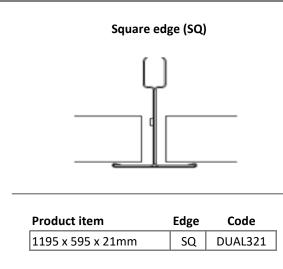


# Acoustic Plus Dual Bloc 21mm

Absorber/Attenuator NRC 0.55 CAC 40





## Description

Acoustic Plus Dual Bloc is a 21mm thick composite acoustical suspended ceiling tile. 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 .55 and a high level of attenuation at CAC 40 for cost effective control of both reverberation and transmitted noise from adjacent rooms.

## Composition

Acoustic Plus Dual Bloc is manufactured from a 100kg /m3, 12mm thick glass fibre acoustic absorber, laminated to a 9mm, foil lined plasterboard attenuator backing.

#### 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 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<sup>™</sup> 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. Ideal for education builds.

#### Sound Absorption - ASTM C423 ISO 354 E200

|                        |                   |     | 1     |      | 1    |  |
|------------------------|-------------------|-----|-------|------|------|--|
| NRC 0.55               | frequency (Hz)    | 500 | 1000  | 2000 | 4000 |  |
| Practical sound absorp | tion coefficients | .30 | .65   | 1.0  | 1.0  |  |
|                        |                   |     |       |      | 1    |  |
|                        |                   |     |       |      |      |  |
| Fire Class             |                   |     | Weigł | nt   |      |  |

NZBC Group1S

8.3 Kg's per m2

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#### 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 0.55           | Reduced background noise and reverberation                            |  |
| Attenuation of airborne noise - CAC 40     | Effective room to room privacy / Muffles rain noise                   |  |
| Thermal efficiency                         | 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 l | has been tested and measured by Auckland University Acoustic Services |  |