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

<table>
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<tr>
<th>NRC 0.90 αw 0.95</th>
<th>frequency (Hz)</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
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<tbody>
<tr>
<td>Practical sound absorption coefficients</td>
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<td>1.0</td>
<td>1.0</td>
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</tbody>
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Fire Class
NZBC Group1S

Thermal Resistance
R2.1 m2 K/W

Weight
9.3 Kg’s per m2

Benefits
- Reduced background noise and reverberation
- Effective room to room privacy / Muffles rain noise
- Efficient use of energy / Reduced heating cost
- Sustainable, helps achieve points toward Green Star fit-outs
- Cleanable, resistant to mould and bacteria
- 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