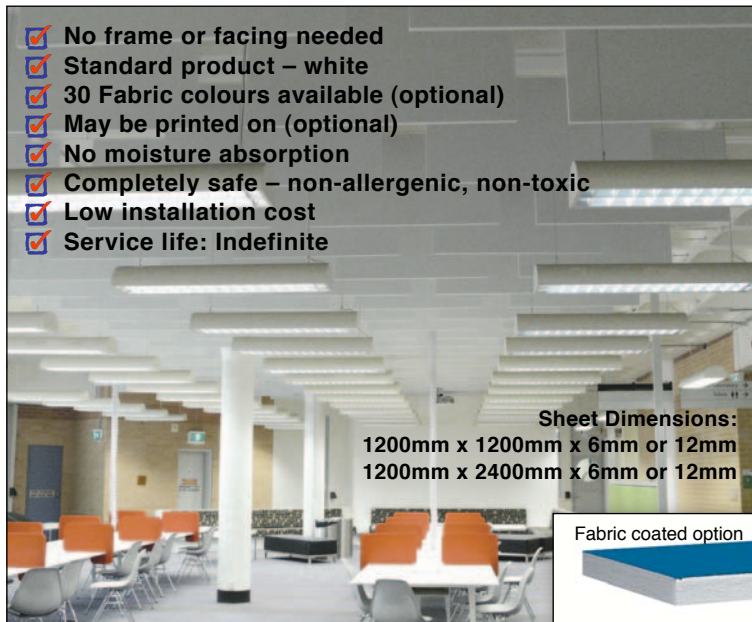


ECHOSORB® HD 6 & 12

EchoSorb® HD 6 & 12 have been designed to reduce and control sound reverberation noise (echo) for inside buildings. HD12 is also ideal for air-conditioning units, compressors, pump enclosures, etc.

- ✓ No frame or facing needed
- ✓ Standard product – white
- ✓ 30 Fabric colours available (optional)
- ✓ May be printed on (optional)
- ✓ No moisture absorption
- ✓ Completely safe – non-allergenic, non-toxic
- ✓ Low installation cost
- ✓ Service life: Indefinite



Sheet Dimensions:
1200mm x 1200mm x 6mm or 12mm
1200mm x 2400mm x 6mm or 12mm

Fabric coated option



The Latest in Reverberation Control Design

The use of EchoSorb® HD 6 & 12 in typical features of offices, workstations and halls can reduce the overall noise by up to 10-12 dB. This represents a reduction in noise levels of about 50%!

EchoSorb® HD 12 is lightweight (at 2Kg/m²) and makes the hanging of baffles from the roof/ceiling structure extremely safe as it is below the Roof Safe Load (RSL) limit.

EchoSorb® HD 6 & 12 are non-toxic, non-allergenic and have a surface skin to prevent the migration of fibres, even in high airflows. They are not affected by moisture or mould.

EchoSorb® HD 6 is 6mm and HD 12 is 12 mm thick high density polyester at 200Kg/m³, providing excellent sound absorption for medium to low frequencies.

Maintenance and care is easy. Blot spills from fabric quickly and wipe with a damp cloth. For Custom printed workstations, call one of acoustica's representatives for further advice.

EchoSorb® is ideal for acoustic and pinboard surface for modular office partitioning. When framed it could be used as privacy and noise control room dividers or display panels. Functional and decorative acoustic wall covering for commercial interiors, retail and educational applications.

Options:

EchoSorb® may be digitally printed with your logo, favourite picture or desired decor.

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No known physical or health hazards associated with this product. Made from 100% polyester fibres (including a high proportion of previously recycled fibres). Recyclable and environmentally friendly. Safe, non-toxic, non-irritant and will not off-gas VOC's providing safer indoor air quality. Offers complete design flexibility with our ability to provide cut shapes and custom colour printing.

| Frequency (Hz) | Echosorb® HD 12 no air gap | Echosorb® HD 12 5mm air gap |
|----------------|----------------------------|-----------------------------|
| 125 | 0.02 | 0.14 |
| 160 | 0.03 | 0.32 |
| 200 | 0.06 | 0.27 |
| 250 | 0.07 | 0.26 |
| 315 | 0.08 | 0.24 |
| 400 | 0.12 | 0.26 |
| 500 | 0.14 | 0.27 |
| 630 | 0.17 | 0.29 |
| 800 | 0.24 | 0.36 |
| 1000 | 0.32 | 0.46 |
| 1250 | 0.41 | 0.55 |
| 1600 | 0.52 | 0.72 |
| 2000 | 0.67 | 0.76 |
| 2300 | 0.71 | 0.87 |

Absorption Coefficient for Echosorb® HD 12:

- Echosorb HD 12 No Air Gap
- Echosorb HD 12 5mm Air Gap

