



**acoustica**<sup>®</sup>  
the quiet Australian

ABSORPTION

# QuietReflection<sup>®</sup> 12 & 24

sound absorption panels



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# QuietReflection® 12 & 24

sound absorption panels

QuietReflection® 12 & 24 have been designed to reduce and control sound reverberation noise (echo) for inside buildings. Particularly ideal for workstations and office environments.

## Latest in Reverberation Control Design

The use of QuietReflection® 12 & 24 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 up to 50%.

QuietReflection® 12 is lightweight (at 2.4kg/m<sup>2</sup>).

QuietReflection® 24 is lightweight (at 3.6kg/m<sup>2</sup>).

QuietReflection® 12 & 24 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.

QuietReflection® 12 is 12mm and 24 is 24 mm thick high density polyester, providing excellent sound absorption for medium to high frequencies.

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

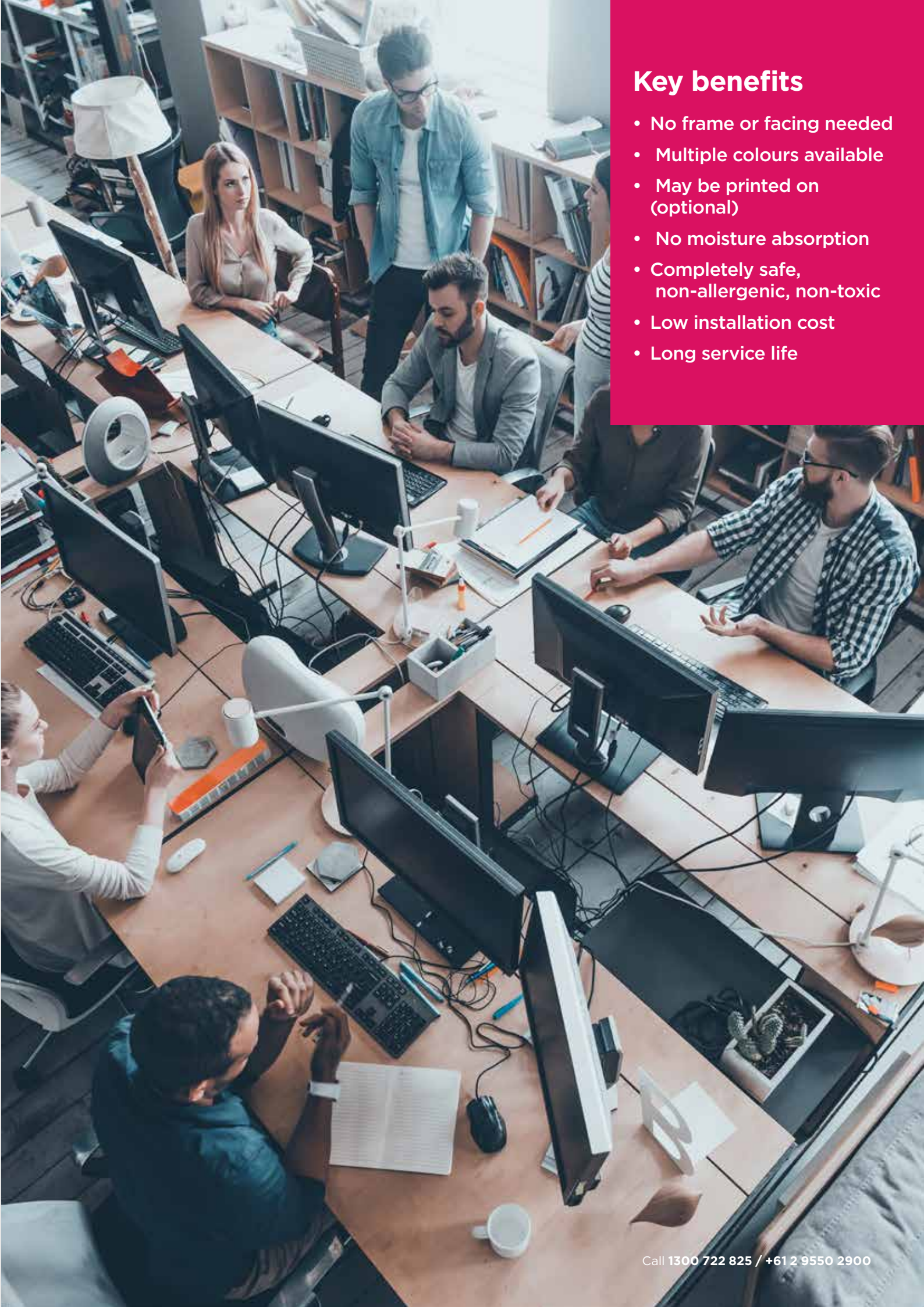
QuietReflection® is ideal for acoustic and pinboard surface for modular office partitioning. When framed it could be used as privacy and noise control room dividers or display panels.

Functional and decorative acoustic wall covering for commercial interiors, retail and educational applications.

### Standard Sheet dimensions:

1200 x 2400 x 12mm or 24mm





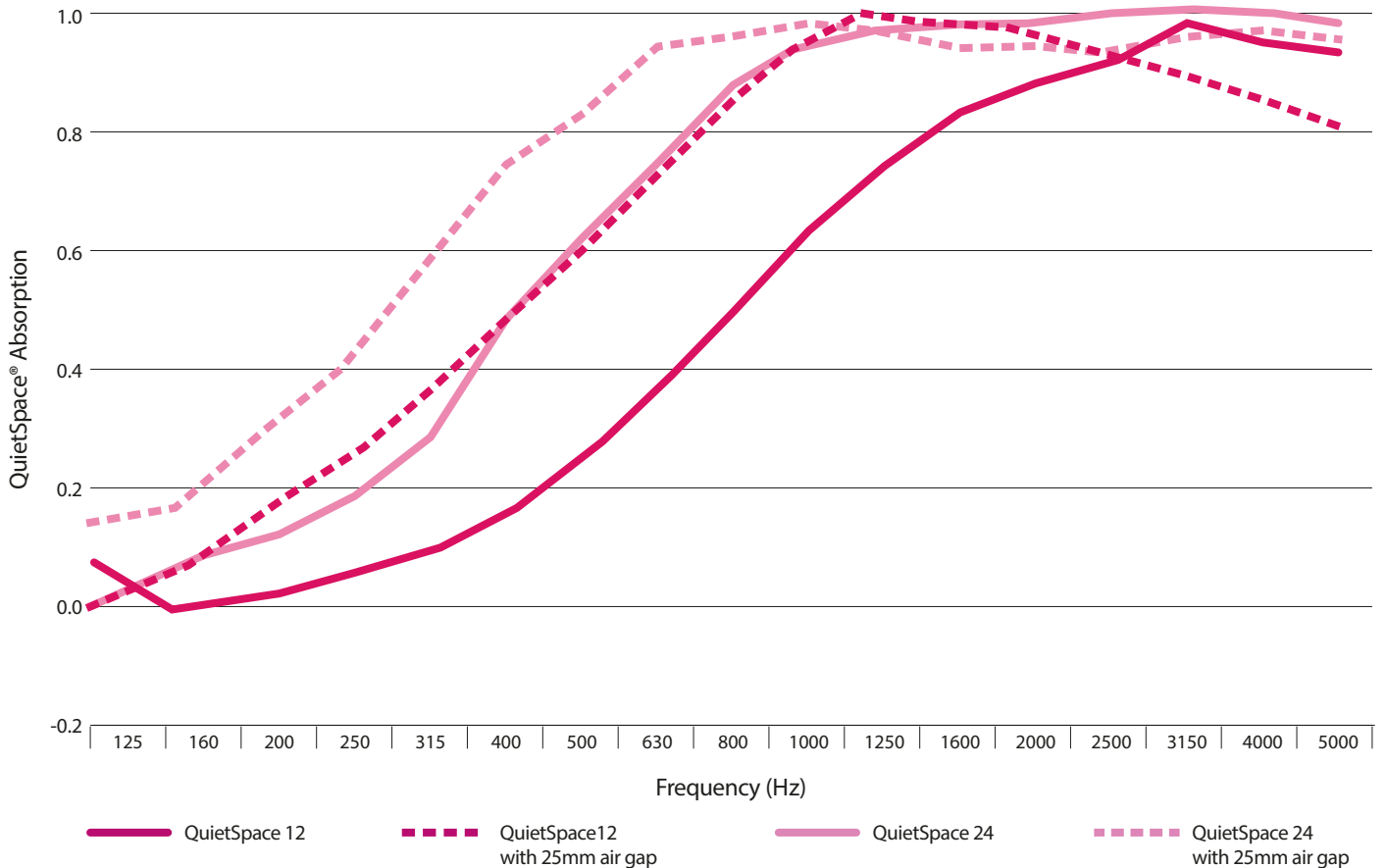
## Key benefits

- No frame or facing needed
- Multiple colours available
- May be printed on (optional)
- No moisture absorption
- Completely safe, non-allergenic, non-toxic
- Low installation cost
- Long service life

# QuietReflection®

Frequency (Hz)	QuietReflection® 12 (no air gap)	QuietReflection® 12 (25mm air gap)	QuietReflection® 24 (no air gap)	QuietReflection® 24 (25mm air gap)
125	0.05	0.05	0.05	0.15
250	0.10	0.30	0.20	0.40
500	0.30	0.60	0.60	0.85
1000	0.65	0.95	0.90	0.95
2000	0.90	0.95	1.00	0.95
4000	0.95	0.85	1.00	0.95
<b>NRC</b>	<b>0.45</b>	<b>0.70</b>	<b>0.70</b>	<b>0.80</b>

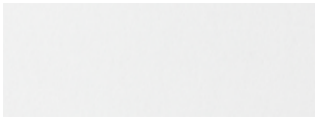
## Absorption Coefficient for QuietReflection® 12 & 24







## Colour options



Pavilion



Opera



Savoye



Flatiron



Empire



Pinnacle



Tree House



Petronis



Falling Water



Galaxy



Acros



Bosco



Lotus



Senado



Zenith



Rosada



Ironbank



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