

**PRODUCT INFORMATION SHEET**

**NUWAVE BASE SOUND BARRIER**

NuWave Base – High performance flexible noise barrier

Code	Description	Width	Length	Acoustic Rating	
312080423000	4 kg/m <sup>2</sup> NuWave base sound barrier	1350mm	5 metres	Rw 26*	
312080633000	6 kg/m <sup>2</sup> NuWave base sound barrier	1350mm	3 metres	Rw 29*	
312080843000	8 kg/m <sup>2</sup> NuWave base sound barrier	1350mm	3 metres	Rw 30*	

\*Rw rating is a single number quantity summarizing the transmission loss of a material over the frequency range from 100Hz to 3.15 kHz under AS/NZS 1276.1:1999. Independent test reports available on request.

The NuWave range is based on high density, limp mass polymers to take the energy out of soundwaves right across the hearing frequency spectrum. NuWave Base is a polyester fabric backed, heavy flexible vinyl-like polymer. NuWave Base barriers are flexible, inexpensive and can tame home theatre systems, aircraft noise, impact noise through walls and floors and engine noise. The heart of the NuWave range is the dense polymer technology that has been proven to reduce noise in heavy industrial plants.

Note – NuWave Base can not be easily glued and performs best when hung as a curtain or draped across bearers. It should not be applied directly to hard surfaces.

When applied to frames or bearers, the fabric faced side should face the installer and fasteners or tape applied to the fabric side. Overlap edges min 50-100mm and tape closed using 72mm wide reinforced foil tape.

For applications where the material is required to exhibit early fire hazard properties to AS 1530.3, we suggest the use of NuWave “4 Zero” foil faced flexible barrier which can be taped together using foil tape or glued using contact adhesive.

Applications	Features and benefits
Reduce noise in industrial plants Ceiling spaces Impact noise through walls and floors Home theatre systems Engine noise Automotive applications Marine application	Easy to cut Easy to install High tear resistance Excellent noise barrier Very Flexible Can be nailed or stapled Supplied in rolls

