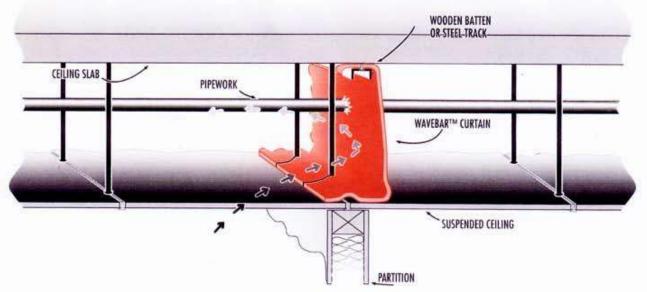
WAVEBAR

Reduces ceiling noise dramatically



WAVEBAR barriers are dense, flexible curtains that reflect noise

- ✓ More flexible, practical and economical than full height partitions.
- ✓ Improves confidentiality by virtually eliminating noise from adjacent rooms. Provides privacy and peace of mind in director's offices, board rooms, consultation rooms, computer rooms, hallways, nursuries, etc.
- ✓ Easy to install ideal for refurbishments. Simply suspend from slab to ceiling tiles.

 No additional framework is necessary.
- Proven project history. WAVEBAR has been utilised in office fitouts and refurbishments for more than 3 decades as a safe and reliable way to reduce room-to-room noise transmitted via a common ceiling.

WAVEBAR"

. . . Another quality product from

[(((((ACOUSTIC DATA)))))))

The following figures represent the tested room-to-room transmission loss achievable when WAVEBAR is utilised in the ceiling plenum between the partition/ceiling and the slab.

NO WAVEBAR : C.A.C. = 35

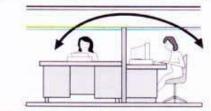
(i.e., Ceiling Tiles only)

WAVEBAR 2kg : C.A.C. = 44

WAVEBAR 4kg : C.A.C. = 48

WAVEBAR 8kg : C.A.C. = 50

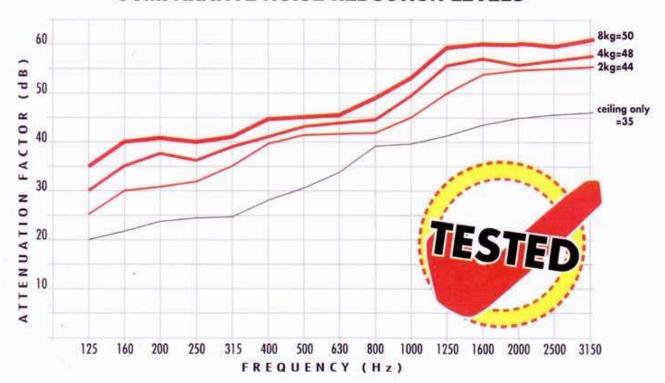
(Test reports available on request)



Room-to-room transmission loss via ceiling void is expressed in terms of

Ceiling Attenuation Class (C.A.C.)

COMPARATIVE NOISE REDUCTION LEVELS



The above figures have been documented as a result of a testing program completed at an accredited laboratory.

The test method involved the installation of WAVEBAR (per guidelines within this brochure) in conjunction with Armstrong™ RH90 Mineral Fibre Ceiling Tile simulating actual office conditions.

(INSTALLATION of WAVEBAR)))



TO SLAB

2

INSTALLATION

TO CEILING

CEILING SLAB

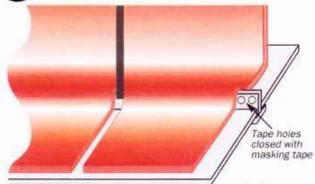
Fix metal track or batten and WAVEBAR to slab by mechanical means (e.g., masonry nails)



SILICONE/MASTIK

if required

Silicone/Mastik is recommended to ensure an acoustic seal between the WAVEBAR and the slab bottom.



Allow WAVEBAR to drape down onto ceiling on both sides of the ceiling grid (as shown). Cut around ceiling suspension hangers.

8

INSTALLATION

AROUND PIPEWORK

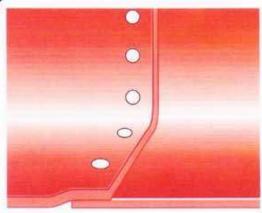
INSTALLATION

JOINTS

(a) Cut a slit from edge of sheet to pipework location. Cut flange lines to diameter of pipe.



(b) Move pipe or WAVEBAR into location before closing flaps behind the pipe/ducting.



Joints should be overlapped by a minimum of 50mm and firmly secured by:

- (a) screws/rivets every 100mm
 - (b) tape with screws every 300mm

Tape: TESA 4965 - 25mm wide double-sided tape

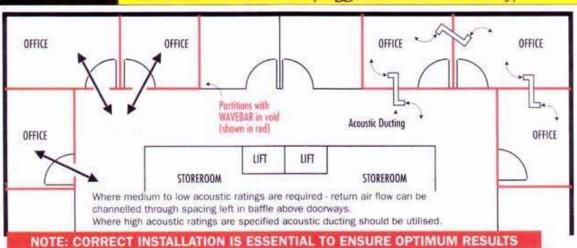


(c) Ensure all junctions of ducting and WAVEBAR are securely taped.



INSTALLATION

RETURN AIR PLENUMS (suggested treatments only)



((((ORDERING WAVEBAR)))))

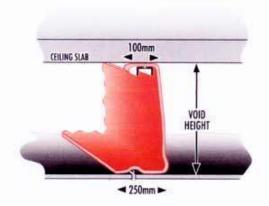
| SUPPLY | ROLL WIDTH | ROLL LENGTH | ROLL DIAM. | WEIGHT |
|-------------|------------|---------------------|------------|--------|
| WAVEBAR 2kg | 1300mm | 10 LIN. MTS. | 200mm | 26kg |
| WAVEBAR 4kg | | 10 LIN. MTS. | | 52kg |
| WAVEBAR 8kg | | 5 LIN. MTS. | | 52kg |

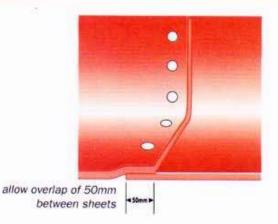
Only WAVEBAR is marked with the WAVEBAR symbol



ORDERING QUANTITY

DROP SIZE = 100MM + 250MM + VOID HEIGHT





(((((SPECIFICATIONS)))))))

MATERIAL: The Acoustic Sound Barrier shall be WAVEBAR Mineral Loaded PVC as supplied by Birkmyre Pty Ltd, comprising barium powder spread evenly throughout and encapsulated within a flexible PVC sheet supported by a polyester fabric. The density shall be a minimum of 1.74g/cm3.

PERFORMANCE: The WAVEBAR Barrier shall be 2kg to achieve 44 C.A.C.*

4kg to achieve 48 C.A.C.*

*Choose as appropriate

8kg to achieve 50 C.A.C.*

as documented by full test reports from an accredited laboratory.

INSTALLATION: The WAVEBAR barrier shall be installed in strict accordance with the manufacturers recommended procedures as detailed in the Wavebar brochure. Care must be taken to seal around pipe or duct penetrations to eliminate sound leakage.

✓ WAVEBAR satisfies Australian Building Code Standard AS 1530.3 ~ Early Fire Hazard indice

YOUR DISTRIBUTOR