



QuietLite

by Westaflex

**LIGHTWEIGHT, STRONG &
ENVIRONMENTAL**



Westaflex QuietLite products are manufactured in Australia and are engineered to perform.

Westaflex QuietLite products are available with an acoustiplus layer to reduce unwanted noise within the HVAC system.

Westaflex QuietLite products are fibre free, fire resistant to various standards and come in a variety of types to suit different applications.

Westaflex QuietLite products are produced with a thermal Rm 1.0 rating as standard. Other thermal values available manufactured to order are Rm 0.6 Rm 1.2 & Rm 2.0

LARGE RANGE

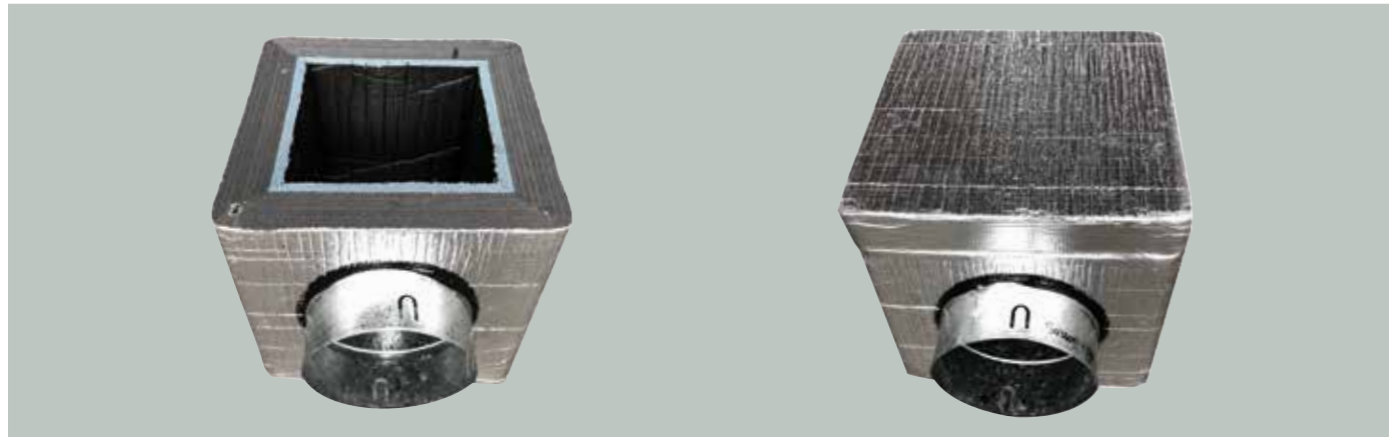
QuietLite PRODUCTS ARE AVAILABLE AS CUSHION BOXES, RETURN AIR GRILLE BOXES, SUPPLY AIR BOXES, RETURN AIR BOXES, LINEAR GRILLE/ BAR GRILLE BOXES AND MORE.

EVEN IF YOU WANT DUCT RUNS, QuietLite CAN BE MADE LIKE THIS ALSO.

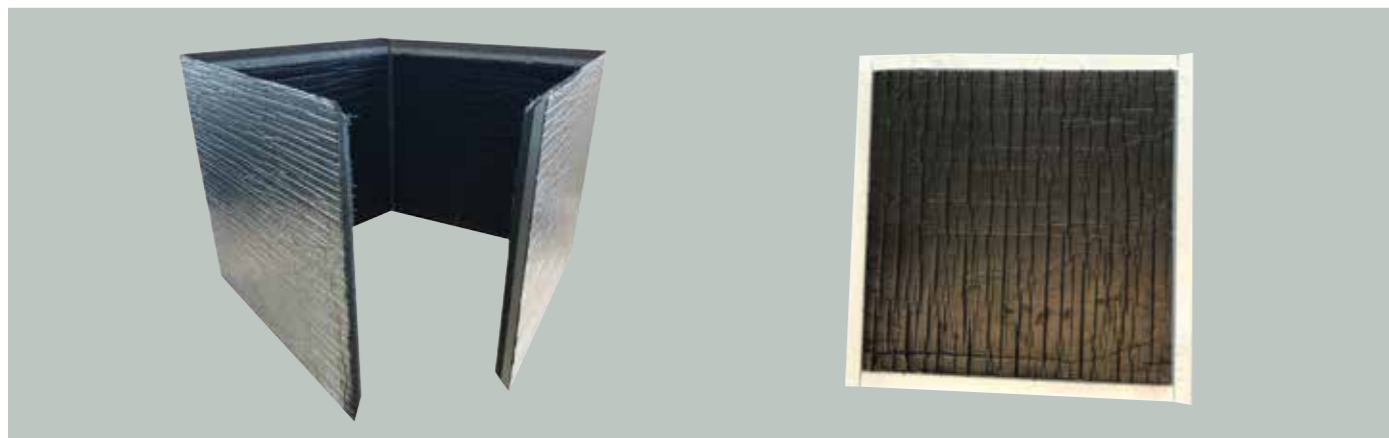
QuietLite products are manufactured using a proprietary composite multi layer foam. It is impact resistant and rigid thus eliminating the need to incorporate sheet metal.

They provide excellent thermal resistance and has excellent acoustic properties. They are available in a variety of sizes and thermal ratings to comply with the relevant construction code.

QuietLite products are available fully assembled ready for use, or if you have the warehouse space you can also order QuietLite products ready to assemble yourself. This is both a space saving and money saving option.



RM 2.0 ASSEMBLED CUSHION BOX WITH SPIGOT ATTACHED (FLAT EDGE)



RM 1.0 LAY-FLAT / UN-ASSEMBLED CUSHION BOX (TAPERED EDGE)

EASY INSTALLATION

REDUCE THE RISK OF PRODUCTS NOT FITTING DURING INSTALLATIONS BECAUSE OF OTHER TRADES DISRUPTING INSTALLATION AREA.

QuietLite products are user friendly to install. How many times have you been on a job and another trade has been in and altered the available space for your product?

In many of these circumstances, by simply using a sharp knife, QuietLite can be reformed or manipulated to fit the desired location, without the need to have a new product built from scratch.

Once the altered shape has been made, seal any alterations using the removed section as a base and then seal with a good quality black silicone, double sided tape and foil reinforced tape.

The job is completed in less time so you can get onto your next installation project.

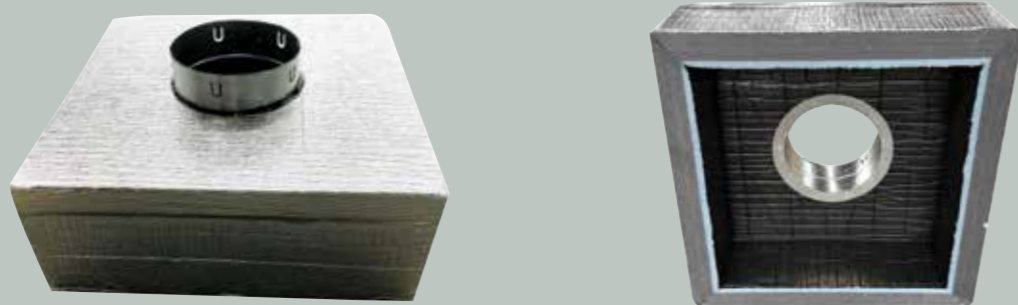


QuietLite PRODUCTS

- > QUIETLITE RM 1.0 LAYFLAT CUSHION BOX TAPERED EDGE
- > QUIETLITE RM 2.0 ASSEMBLED RETURN AIR GRILLE BOX - FLAT EDGE
- > QUIETLITE RM 0.6 ASSEMBLED RETURN AIR GRILLE BOX WITH CENTRAL SUPPORT



QUIETLITE RM 1.0 LAYFLAT CUSHION BOX TAPERED EDGE



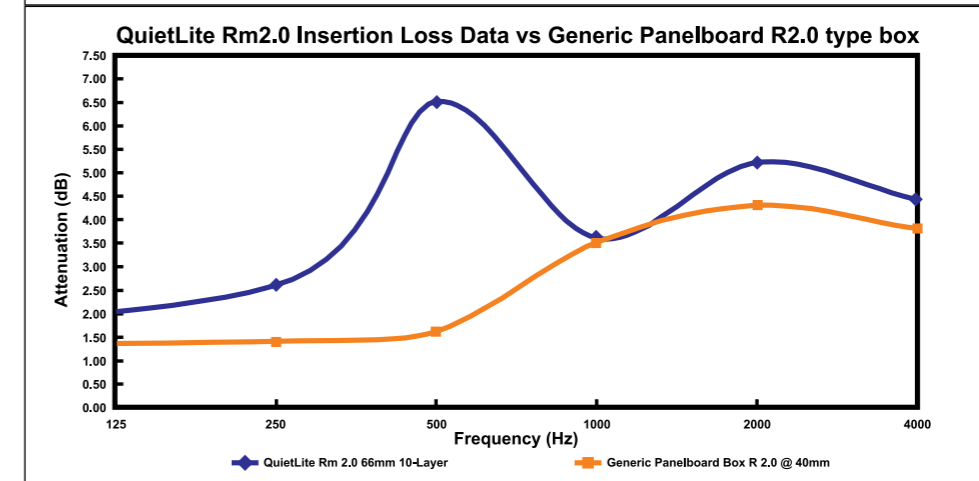
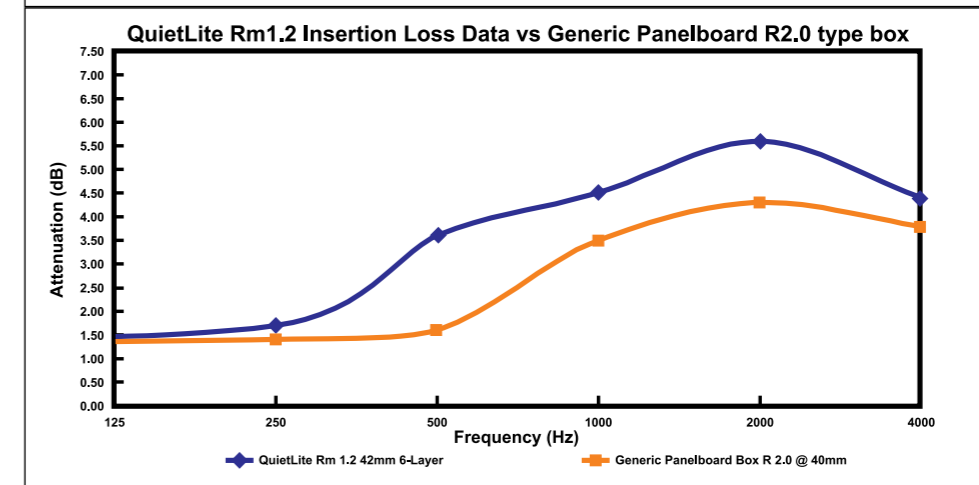
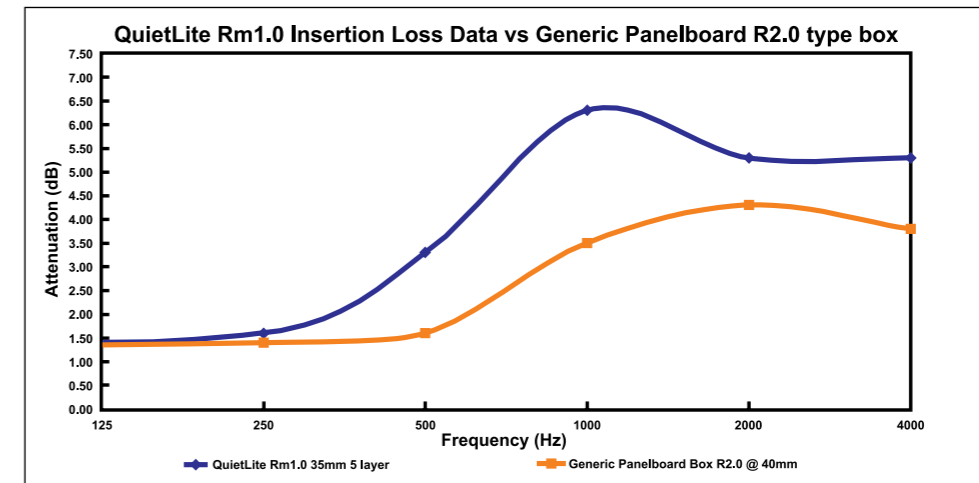
QUIETLITE RM 2.0 ASSEMBLED RETURN AIR GRILLE BOX - FLAT EDGE
(SUIT 1/2 TILE EGGRATE GRILLE)



QUIETLITE RM 0.6 ASSEMBLED RETURN AIR GRILLE BOX WITH CENTRAL SUPPORT
(NO SPIGOTS BUT WITH SPIGOT HOLES - SUIT FULL TILE LAY IN GRILLE)

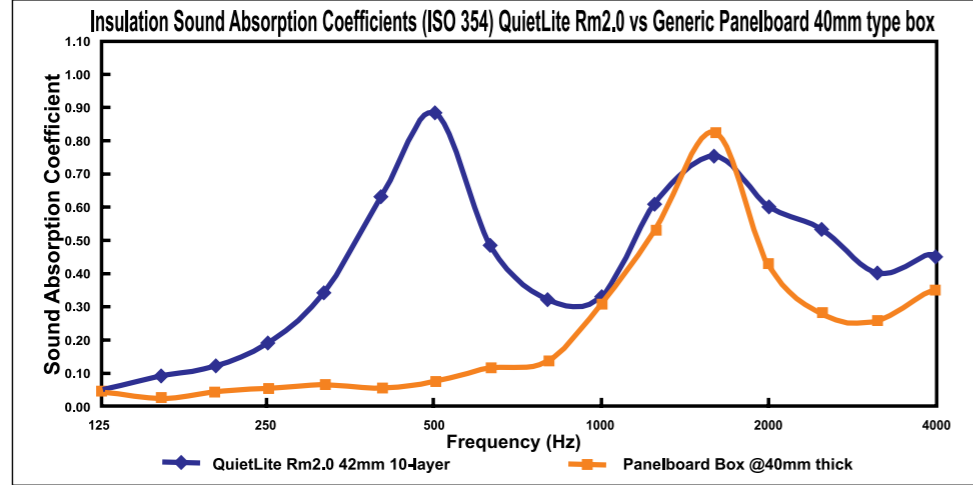
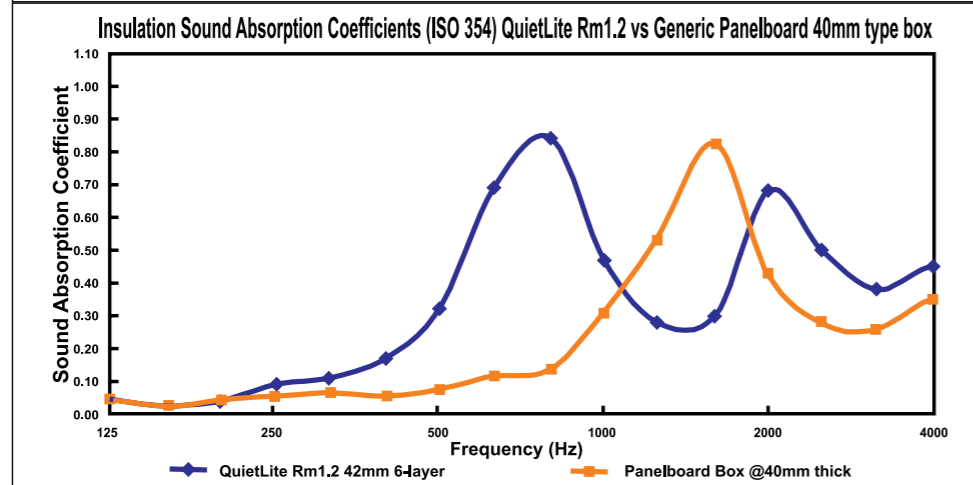
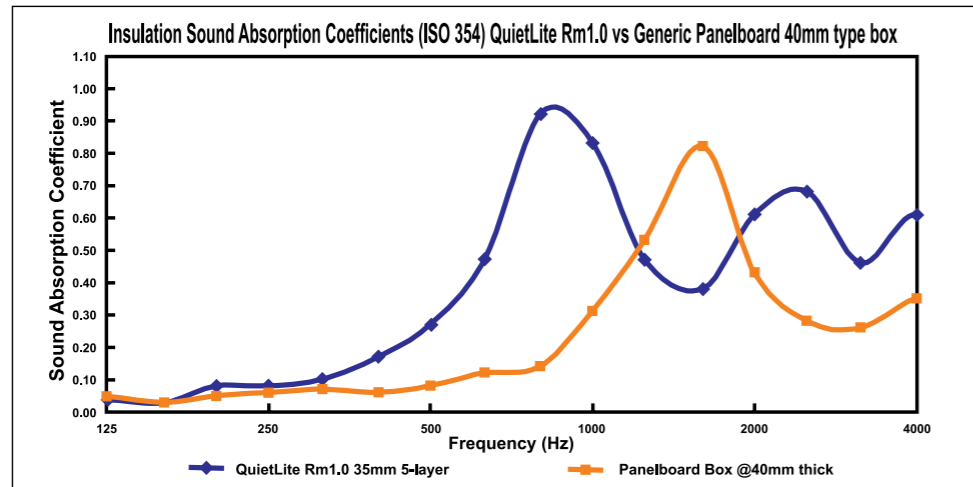
QuietLite VS. GENERIC PANELBOARD TYPE BOX

QuietLite PRODUCTS PERFORM WELL AGAINST OTHER PANELBOARD TYPE PRODUCTS WHEN TESTED FOR ATTENUATION.



QuietLite VS. GENERIC PANELBOARD TYPE BOX SOUND ABSORPTION COEFFICIENTS

QuietLite PRODUCTS PERFORM WELL AGAINST OTHER PANELBOARD TYPE PRODUCTS WHEN TESTED FOR SOUND ABSORPTION COEFFICIENTS.



QuietLite TESTING

QuietLite PRODUCTS HAVE BEEN TESTED IN MANY WAYS TO ENSURE YOUR PEACE OF MIND FOR QUALITY AND PERFORMANCE.

ZERO ODP

- The materials used in QuietLite products and the manufacturing processes used to make these products have a zero Ozone Depleting Potential (ODP). QuietLite does not contain and is not produced with any of the substances mentioned in the "Montreal Protocol" of ozone depleting substances and in the corresponding EC Regulations 2009 / 1005:
 - Chloroflourocarbons (CFC's)
 - Carbon Tetrachloride
 - Methyl Bromide
 - Hydrochloroflourocarbons (HCFC's)
 - 1, 1, 1 - Trichloroethane
 - Hydrobromoflourocarbons (HBFC's)

LOW GWP

- QuietLite is a Low Global Warming Potential (GWP) material for green building certification purposes. Hydroflourocarbons or other high GWP blowing agents are not used in the QuietLite manufacturing process.

LOW VOC

- QuietLite is classified as a low VOC emitting material according for green building certification purposes.

CHLORINE FREE

- No QuietLite products are based on PVC compounds or other chlorine based materials.
- QuietLite is defined as "Chlorine Free" based on standards such as IEC 61249-2-21, i.e. total chlorine content of QuietLite is less than 900 ppm (0.09%) PLASTICISER FREE
- Plasticiser additives are not intentionally added to any QuietLite product.

FORMALDEHYDE FREE

- The QuietLite manufacturing process does not use formaldehyde, and formaldehyde is not intentionally added to any QuietLite product.

ASBESTOS FREE

- Asbestos is not intentionally added to any QuietLite product.

TYPICAL PROPERTIES	
DESCRIPTION	DETAILS
Thermal Conductivity (ASTM C518)	0.032 W/mK (@ 23° C, mean temperature)
Resistance to Fungi (ASTM G21)	Zero growth
Ozone Resistance	Excellent
UV Resistance	Excellent (Use Thermobreak No Clad for outdoor applicatons)
UV Resistance	-80° C to 100°
Fire Compliance	AS 1530 part 3: 0, 0, 0, 1 & UL 181 part 11

TYPICAL ATTENUATION PROPERTIES FOR QUIETLITE ACOUSTIBOX						
FREQUENCY	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
25mm THBK Attenuation (dB) - R 0.75	1.1	1.7	4.2	5.3	4.4	4.2
35mm THBK Attenuation (dB) - R 1.0	1.2	1.6	3.3	6.3	5.3	5.3
54mm THBK Attenuation (dB) - R 1.58	2.3	4.2	4.4	5.3	5.6	4.1



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