



MAL22TM HIGH PERMEABILITY LAMINATED COMPOSITE METAL

TYPICAL AC MAGNETIC PROPERTIES

Thickness (mm)	Weight (Nominal) (kg/m ²)	Point Source Attenuation at 50 Hz (10 gauss field)
2.0	10.5 kg/m ²	34 dB

NOTE: Attenuation characteristics of all magnetic materials vary according to the strength of the source field.

GENERAL

Standard Sheet Size:	2400 x 1000 x 2.0mm
Typical Uses:	<ul style="list-style-type: none">* Magnetic shielding of walls, floors, ceilings to minimise magnetic interference to electronic equipment.* Magnetic shields around cable ducts/risers.
Applications Notes:	<ul style="list-style-type: none">* RFI Industries can cut to size, punch and fold certain shapes.* Folds should be kept to a minimum to preserve the properties of the MAL22TM.* Clients should consult with RFI Industries before cutting, folding or punching the MAL22TM.* Welding will normally adversely affect the MAL22TM properties, but spot welds are permissible.* The product cannot be rolled.* Use 500mm overlap or lay butt joined together with a second layer over

mal22 rev2 0700.doc

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EMC TESTING
EMC COMPONENTS
MAGNETIC SHIELDING
EMC INSTRUMENTATION
RF ANECHOIC CHAMBERS
RF/EM SHIELDED ENCLOSURES

FIGURE 1.

PLACED ON FLOOR SLAB UNDER CARPET

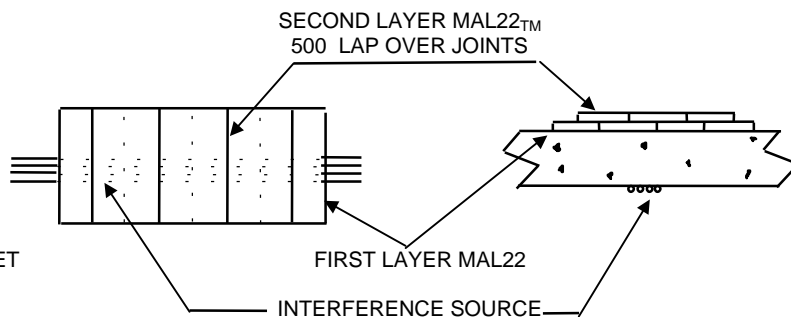
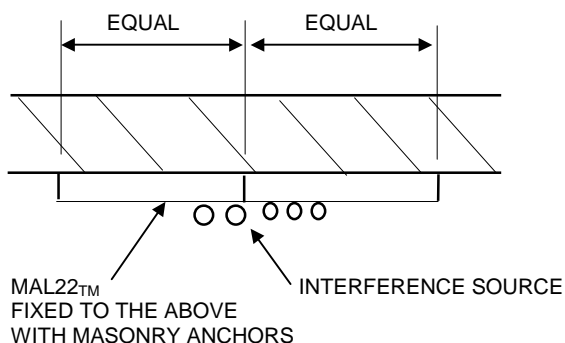
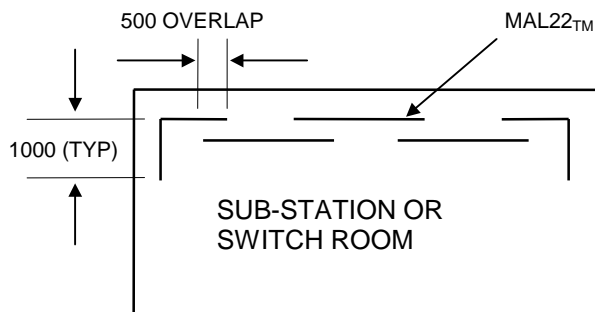


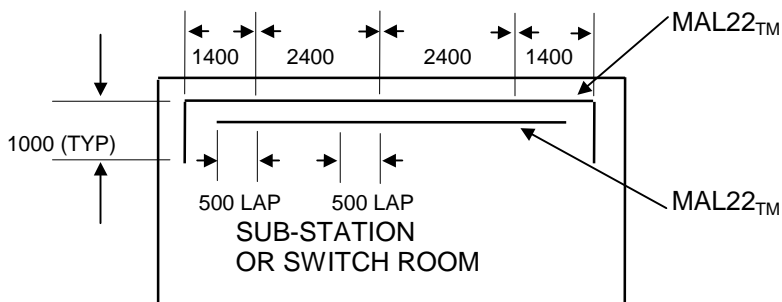
FIGURE 2.



**FIGURE 3.
OPTION A**



**FIGURE 4.
OPTION B**



MAL22™ JOINTS ARE TO BE LAPPED BY 500 IN BOTH DIRECTIONS

FIGURE 5.

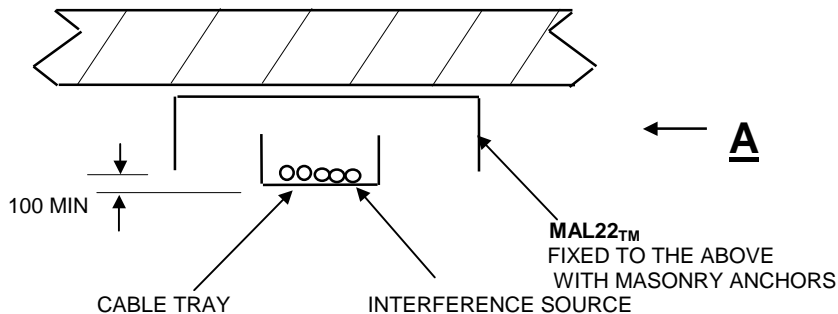


FIGURE 5A.

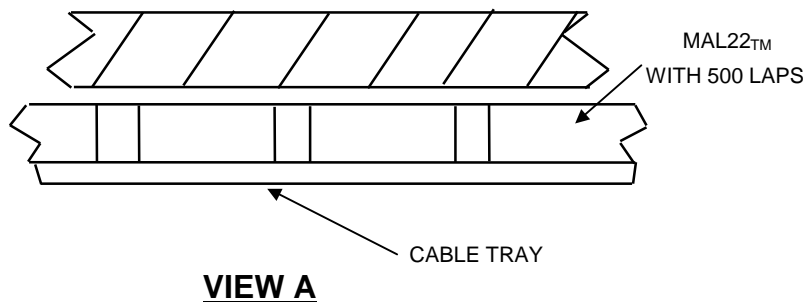
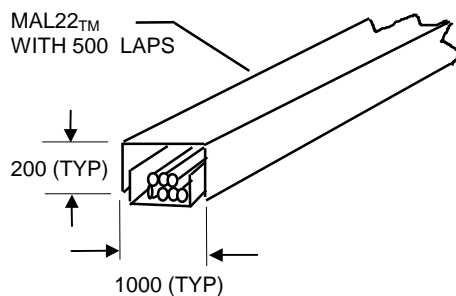


FIGURE 6.



CABLE TRAY SHIELD - OPTION 1

FIGURE 7.

