




Acoustic Engineers & Contractors • HVAC & Acoustic Material Manufacturers & Traders

METHOD STATEMENT FOR Dry Wall With Resilient Clip

Revisions Details:

Rev.	Date of Issue	Prepared	Reviewed		Approved	Description
			Engineering Manager	QA/QC Manager	Project Director	
0	6/15/2011	AH				

Originator: 	Date of issue:				Page No. 1 of 5		
	Identification				Document Number		
	Contract No.	Location	Discipline	Issuer	Doc. Type	Number	Rev.
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1. **SCOPE:**

This Method Statement provides the control sequence of construction and methodology that will be used for the installation of dry Wall with resilient material as an acoustic treatment for walls inside the area of treatment by M/s OPTIMA INTERNATIONAL.

2. **REFERENCES:**












- Submitted technical submittal for acoustic treatment.
- Approved drawings will be issued for acoustic treatment construction.

3. **GENERAL:**











Acoustic treatment for walls is to be in accordance with the drawings, project specifications and the product manufacturer's recommendations.

4. **RESOURCES:**


4.1. **Material List:**


-  Masonry expansion anchors nylon plugs, size 6 mm
-  Coach screws :GI, size 6 mm, pan head, slotted
-  Resilient Clip :OPTIMA
-  Self tapping screws :GI, size 3mm, pan head with slot / Phillips / pozi recess
-  Furring profiles
-  Insulation inlay :Fiberglass blankets, 50 mm thk x 48kg/m3
-  Gypsumboards:12 mm thk, size 1200 x 2400, regular.
-  Dry wall screws :Case hardened, bugle head Phillips, twin fast thread, DWF - size 3.50 (#6) x 25mm DWF - size 3.50 (#6) x 38 mm
-  Perimetric isolation material.
-  Caulk: Elastomeric, non-hardening, 600 ml sausages
-  Joint compound: 28 kg pails - Joint tape : 50mm wide, self-adhesive glass tissue

5 INSTALLATION PROCEDURE:

-  Mark outline of Perimeter Isolation material at 100mm from block wall/s. Adhere it with adhesive glue. Perimeter Isolation material will be installed along entire perimeter, viz interface with floor, side walls/ columns, slab soffit.
-  Mount the clip on hat furring channels at 1200mm center spacing.
-  Attach brackets to the Resilmount, using GI self tapping screws. (1 Nos. per mount).
-  Mark anchoring positions on the wall, against holes provided in the mounting bracket. Drill, position anchors, erect framing assembly using coach screws. (2 Nos. per bracket). Framing profiles run horizontally. The bottom row shall be spaced no more than 75mm from floor, whereas the top row shall be spaced no more than 150mm from soffit. End wall spacing no more than 150mm from side walls.
-  Cut @ 200mm long piece of hat furring channels, overlap 100mm over both ends from the rear. Join adjacent framing profiles using aluminum blind rivets thru' flange (4 Nos. at each end/overlap). Do not rivet over the Webb.
-  Cut insulation infill rolls into 100mm wide x 1200mm long strips, fit snug behind framing profile, between Resilmount edges. Cut 1200mm wide rolls into two (600mm x 2). Place 600mm wide infill, taut between two rows, spaced at 600mm between edges of Resilmount.
-  Fix gypsum board with 25mm long drywall screws, 150mm spacing horizontally. Fix second layer of gypsum board with 38mm long drywall screws. The two overlapping gypsum board layers shall be staggered horizontally. Both gypsum boards shall be terminated at 5mm (clearance) from walls/floor/soffit. Allow for any penetrations such as switches, sockets, ducts, pipes, conduits etc etc. Seal perimeter of these penetrations with infill, finish with caulk. Face gypsum board shall stand at the required spacing from block wall / concrete.
-  All vertical butt joints along edges in the face gypsum board are then filled with joint compound, leveled good. At joints with square butting edges, peel-off 30mm paper backing each side, adhere glass-tissue tape, apply joint compound, level good.
-  Place caulk neatly at perimeter, in the 5mm deep recess resulting between face gypsum board and perimeter isolation material, level good.
-  Apply one primer coat of paint. (Primer coat, Finish paint / second / final coat by others).

6 SAFETY:

 Proper scaffolding shall be used and safety harness to be used and secured, if required.

 All personal protective equipment shall be used as appropriate according to the nature of the job.

