CI/SfB

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SOLOMIT ACOUSTIC CEILINGS

ARCHITECTURAL SPECIFICATIONS

FOR SOLOMIT STRAWBOARD ACOUSTIC CEILINGS

A. Over Exposed Beams

B. Between Exposed Beams

C. Nailed or Stapled up to Battens or Purlins

D. Laid in Steel Z Purlins or Duplex Beams

E. Exposed "T" Bar System with Solomit Infill

F. No Trade Name

ARCHITECTURAL SPECIFICATIONS

FOR SOLOMIT STRAWBOARD ACOUSTIC CEILINGS

METHOD A — OVER EXPOSED BEAMS

SCOPE

The contractor shall furnish all materials, labour and equipment for the installation of Solomit Acoustic Ceilings, where so indicated on the Architectural drawings and the Schedule of Finishes.

MATERIAL

The acoustic lining material shall be Solomit Strawboard mm thickness as manufactured by Solomit Strawboard, Factory 7, 22-24 Rhur St., Dandenong 3175 & supplied by:

Note: Solomit will only span 1220 mm in its width. Wider sheets need central support or centre fixing.

INSTALLATION

Solomit Strawboard panels laid over timber beams at mm centres and nailed at 900 mm maximum centres using galvanised flat head nails. If roofing battens are to be fixed over the top of Solomit a 4 mm wide spacer by the thickness of the Solomit must be used under the batten to avoid compressing the Solomit - see manufacturers sheet.

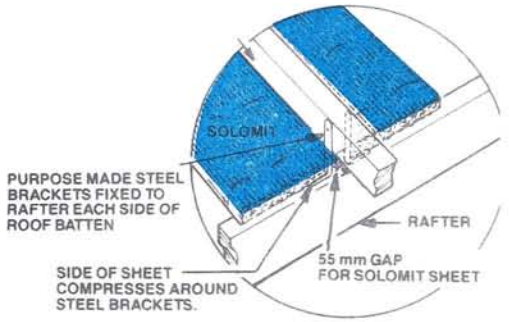
PRIOR TO INSTALLATION

After cutting and trimming as necessary, all sheets should be brushed on the face with a stiff bristle broom to remove loose straw, each sheet should then be stood on edge and beaten with a flat batten to remove any loose straw flakes from cutting etc. At all times panels must be kept dry, wet or stained panels must not be used. Make sure sheets are flat and straight prior to installing.

AFTER INSTALLATION

It is most important to flatten the face of the sheets then check all panels for broken straw stems not retained by the face wires, cut and trim all loose or hanging straw stems around penetration and beams, lights etc.

All butt joins between the lengths of Solomit panels should have the hooked ends of the longitudinal wires turned back straight to allow the straw to take up a natural line and make the panels continuous. Trim wires as necessary - see manufacturers brochure for details.



ALTERNATIVE METHOD FOR FIXING ROOF BATTENS OVER SOLOMIT.

ARCHITECTURAL SPECIFICATIONS

FOR SOLOMIT STRAWBOARD ACOUSTIC CEILINGS

METHOD B — BETWEEN EXPOSED BEAMS

SCOPE

The contractor shall furnish all material, labour and equipment for the installation of Solomit Acoustic Ceilings where so indicated on the Architectural drawings and the Schedule of Finishes.

MATERIAL

The acoustic lining material shall be Solomit Strawboard mm thickness as manufactured by Solomit Strawboard, Factory 7, 22-24 Rhur St., Dandenong 3175 & supplied by:

Note: Solomit will only span 1220 mm in its width. Wider sheets need central support or centre fixing.

INSTALLATION

Solomit Strawboard panels shall be installed between exposed timber beams at mm centres and supported on 25 x 25 mm fine sawn/dressed timber cornice nailed to beams and walls at 450 mm minimum centres.

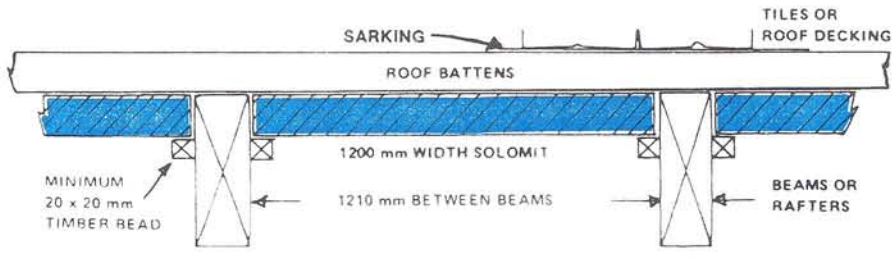
PRIOR TO INSTALLATION

After cutting and trimming as necessary, all sheets shall be brushed on the face with a stiff bristle broom to remove loose straw, each sheet shall then be stood on edge and beaten with a flat batten to remove any loose straw flakes from cutting etc. At all times panels must be kept dry, wet or stained panels must not be used. Make sure sheets are flat prior to installation.

AFTER INSTALLATION

It is most important to flatten the face of the sheets then check all panels for broken straw stems not retained by the face wires, cut and trim all loose or hanging straw stems from around penetrations, beams lights etc.

All butt joins between Solomit panels shall have the hooked ends of the longitudinal wires turned back straight to allow the straw to take up a natural line and make the panels continuous. Trim wires as necessary – see manufacturers brochure for details.



ARCHITECTURAL SPECIFICATIONS

FOR SOLOMIT STRAWBOARD ACOUSTIC CEILINGS

METHOD C — **NAILED OR STAPLED UP TO BEAMS, BATTENS, CEILINGS OR WALLS**

SCOPE

The contractor shall furnish all materials, labour and equipment for the installation of Solomit Acoustic Ceilings, where so indicated on the Architectural drawings and the Schedule of Finishes.

MATERIAL

The acoustic lining material shall be Solomit Strawboard mm thickness as manufactured by Solomit Strawboard, Factory 7, 22-24 Rhur St., Dandenong 3175 & supplied by:

Note: Solomit will only span 1220 mm in its width. Wider sheets need central support or centre fixing.

INSTALLATION

* Solomit Strawboard panels shall be nailed/stapled to beams/battens/purlins, at mm centres, nails shall be galvanised flat head type and will be driven into straw face at 45° then bent over and hidden within the straw. Power driven staples of suitable size may be used strictly in accordance with manufacturers recommendations.
* Battens 100 x 35 mm minimum shall be spaced at centres to suit the width of panels 1200 mm - 1220 mm or mm nails/staples shall be at 300 mm maximum centres. It is suggested in sporting activity areas, on walls timber batten be spaced at 600 ¢. Where panels join along the long edges, one panel will have the edge cut back at 5° to provide a neat butt joint free of voids - see manufacturers detail sheet.

PRIOR TO INSTALLATION

After cutting and trimming as necessary, all sheets shall be brushed on the face with a stiff bristle broom to remove loose straw, each sheet should then be stood on edge and beaten with a flat batten to remove any loose straw flakes from cutting etc. At all times panels must be kept dry, wet or stained panels must not be used. Make sure sheets are flat prior to installing.

AFTER INSTALLATION

It is most important to flatten the face of the sheets then check all panels for broken straw stems not retained by the face wires, cut and trim all loose or hanging straw stems around penetrations, beams, lights etc.
All butt joints between the lengths of Solomit panels shall have the hooked ends of the longitudinal wires turned back straight on the face side, to allow the compressed straw to take up a natural line and make the panel continuous. Trim wires as necessary - see manufacturers brochure for details.

* Insert or strike out whichever is applicable to the project design.

ARCHITECTURAL SPECIFICATIONS

FOR SOLOMIT STRAWBOARD ACOUSTIC CEILINGS

METHOD D — LAID IN "C" OR "Z" PURLINS OR DUPLEX BEAMS

SCOPE

The contractor shall furnish all materials, labour and equipment for the installation of Solomit Acoustic Ceilings, where so indicated on the Architectural drawings and the Schedule of Finishes.

MATERIAL

The acoustic lining material shall be Solomit Strawboard mm thickness as manufactured by Solomit Strawboard, Factory 7, 22-24 Rhur St., Dandenong 3175 & supplied by:

Note: Solomit will only span 1220 mm in its width. Wider sheets need central support or centre fixing.

INSTALLATION

Solomit Strawboard panels laid between purlins at 1210 mm - 1230 mm or mm centres progressively in conjunction with roof sheeting and sisalation. Solomit panels must be kept dry at all times, wet or stained panels must not be used. Solomit is not structural therefore must not be walked on during or after installation.

PRIOR TO INSTALLATION

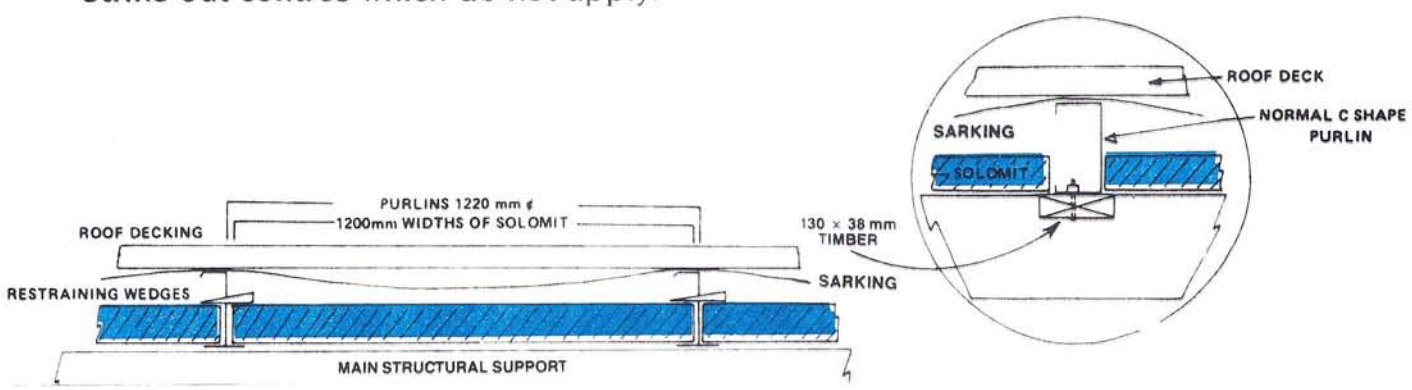
After cutting and trimming as necessary, all sheets should be brushed on the face with a stiff bristle broom to remove loose straws. Each sheet should then be stood on edge and beaten with a flat batten to remove any loose straw flakes from cutting etc. Make sure panels are flat prior to installation.

AFTER INSTALLATION

It is most important to flatten the face of the sheets then check all panels for broken straw stems not retained by the face wires, cut and trim all loose or hanging straw stems around penetrations, beams, lights etc.

All butt joins between the length of Solomit panels shall have the hooked ends of the longitudinal wires turned back straight to allow the compressed straw to take up a natural line and make the panel continuous. Trim wires as necessary - see manufacturers brochure for details.

* Strike out centres which do not apply.



ARCHITECTURAL SPECIFICATIONS

FOR SOLOMIT STRAWBOARD ACOUSTIC CEILINGS

METHOD E — **AS AN EXPOSED "T" BAR SYSTEM**

SCOPE

The contractor shall furnish all material, labour and equipment necessary for the installation of Solomit Acoustic Ceilings, where so indicated on the Architectural drawings and the Schedule of Finishes.

MATERIAL

The acoustic lining material shall be Solomit Strawboard mm thickness as manufactured by Solomit Strawboard, Factory 7, 22-24 Rhur St., Dandenong 3175 & supplied by:

Note: Solomit will only span 1220 mm in its width. Wider sheets need central support or centre fixing.

INSTALLATION

Main T Bars of 50 x 35 mm extruded aluminium shall be hung from roof purlins on 5.5 mm soft galvanised rod at 1200 mm centres. Cross runners of 50 x 35 mm extruded aluminium shall be installed into main runners and positively locked together to suit the module.

* 600 x 1200 mm up to 2400 x 1200 mm.

Hangers, runners and cross runners shall be spaced so as not to exceed the design ceiling load or as may otherwise be required to prevent deflection in excess of 1/360 of the span of the main runner or cross tee. Extra hangers are to be provided to suit light fittings, registers etc. supported by the grid system. After installation and levelling of the grid system and matching perimeter wall trims, install Solomit Acoustic Panels.

PRIOR TO INSTALLATION

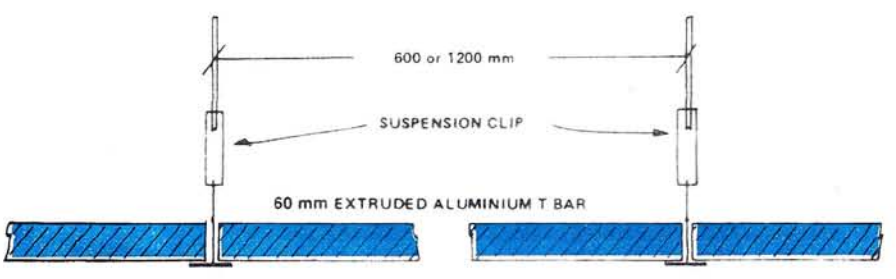
After cutting and trimming as necessary, all sheets should be brushed on the face with a stiff bristle broom to remove loose straw, each sheet should then be stood on edge and beaten with a flat batten to remove any loose straw flakes from cutting etc. At all times panels must be kept dry, wet or stained panels must not be used. Make sure sheets are flat and straight prior to installing.

AFTER INSTALLATION

It is most important to flatten the face of the sheets then check all panels for broken straw stems not retained by the face wires, cut and trim all loose or hanging straw stems around penetrations and beams, lights etc.

All butt joins between the lengths of Solomit panels should have the hooked ends of the longitudinal wires turned back straight to allow the straw to take up a natural line and make the panels continuous. Trim wires as necessary - see manufacturers brochure for details.

* Insert module size to suit design requirements.



RECOMMENDED SPECIFICATIONS FOR CEILING MATERIAL WHEN TRADE NAME IS NOT ALLOWED TO BE USED.

STRAWBOARD CEILINGS

The ceiling material shall be made from clean straight wheaten straw, compressed to a nominal 50 mm in thickness and held front and rear by 2.00 mm galvanised wires at 127 mm centres across the width of the sheet and sewn together with 1.57 mm galvanised stitches at about 25 mm centres and having an overall weight of approximately 8.5 kg per M^2.

0. Spread of flame.

and an Index of no greater than

2. For Smoke Developed