

PART 1 – GENERAL

1.1 Summary

- .1 This Section of the Specifications forms part of the Contract Documents and is to be read, interpreted and coordinated with all other parts.

1.2 Section Includes

- .1 Work of this section includes:
 - .1 Supply and installation of gypsum wallboard as indicated, scheduled and specified herein.
 - .2 Sealing of perimeter joints within gypsum wallboard, sound rated partitions.
 - .3 Supply and installation of suspended ceilings, steel furring for gypsum wallboard finishes, and associated accessories, as indicated, as scheduled and as specified.
 - .4 Installation of access panels in gypsum wallboard partitions.

1.3 Related Sections

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|----|--------------------|-------------------------|
| .1 | Section 06 20 00 | Finish Carpentry |
| .2 | Section 07 21 16 | Blanket Insulation |
| .3 | Section 07 84 00 | Fire Stopping |
| .4 | Section 07 92 00 | Joint Sealants |
| .5 | Section 09 90 90 | Painting |
| .6 | Division 15 and 16 | Supply of access panels |

1.4 Quality Assurance

- .1 Section 9.6 - Gypsum Wallboard of the Association of Wall and Ceiling Contractors (A.W.C.C.) Specification Standards Manual, together with authorized additions and amendments, shall be used as a reference standard and shall form part of this project specification.
- .2 Where modifications to the standards contained within the A.W.C.C. Specification Standards Manual are included in this project specification, then such modifications shall govern in case of conflict.
- .3 The installer of gypsum wallboard and ceiling suspension members and furring shall keep a copy of Section 9.6 - Gypsum Wallboard of the A.W.C.C. Specification Standards Manual available at the project site for reference purposes.
- .4 All gypsum wallboard products, ceiling suspension members, furring and accessories to be used in the project shall meet or exceed the requirements specified under Part 2 - Products of Section 9.6 and Section 9.7 of the A.W.C.C. Specification Standards Manual. The proposed product manufacturer shall provide the Architect, if requested, with satisfactory evidence indicating conformance of his products with the requirements specified in the A.W.C.C. Specification Standards Manual. Any product failing to meet those requirements will be rejected by the Architect.
- .5 Reference in these project specifications to Section Numbers, Parts and Item Numbers means those Section, Parts and Items contained within Section 9.6 of the A.W.C.C. Specification Standards Manual.
- .6 Application must conform to CSA A823.1-M1980.

1.5 Product Delivery, Storage and Handling

- .1 Deliver and store materials undamaged in original wrapping or containers, with manufacturer's labels intact.
- .2 Prevent damage to materials during handling and storage. Keep gypsum wallboard, and cementitious materials under cover and free from dampness.

1.6 Job Conditions

- .1 Ensure temperature and ventilation conditions are maintained as required under Section 9.6 - Part 3, Item 2.
- .2 Protect work of other sections from damage resulting from work of this section.
- .3 Take necessary protection to avoid spattering of surfaces adjacent to gypsum wallboard areas, particularly aluminum and glass. Dropping from this work shall be promptly removed.
- .4 Examine the underlying visible surfaces and adjoining work and report defects at time of installation which might impair the gypsum wallboard to the Contractor and Architect in writing.

PART 2 - PRODUCTS

2.1 Materials

- .1 Gypsum board products, materials and accessories shall conform to A.W.C.C., Section 9.6, Part 2 and as follows:

2.2 Gypsum Wallboard

- .1 Type "X": shall conform to Section 9.6 - Part 2, Item 1.2. Thickness as noted on drawings.
- .2 Use Moisture resistant gypsum for all walls within 2m of a faucet or sink.

2.3 Backer Boards

- .1 Description: Fire resistant, heat-cured, acrylic surface on tile application side, inorganic glass mats embedded into both sides of moisture resistant core, or fibreglass matting & cement.
- .2 Edges: solid, straight.
- .3 Accessories: G-P DWS shield or fibreglass tape, stainless fasteners and tile mastic for joint filler.
- .4 Product:
 - .1 Dens Shield Fireguard Type X, 15.9 mm thick Tile Backer or Cement Board.
 - .2 Canadian Gypsum Company Durock Glass Mat Tile Backer Board.
 - .3 Or equivalent as approved by the Departmental Representative meeting the above specification.

2.5 Drywall Screws

- .1 Shall conform to Section 9.6- Part 2, Item 21.1 except where the tile backer is used, in which case stainless steel is required.

2.6 Joint Treatment Materials

- .1 Shall conform to Section 9.6 - Part 2, Item 2.2.

2.7 Accessories

- .1 Corner beads shall conform to Section 9.6 - Part 2, Item 3.1 and 3.2 or 3.3 or 3.4.
- .2 Provide PVC shadow molding at reveals where noted on drawings.

2.8 Furring Members

- .1 Drywall Furring Screw Channels shall conform to Section 9.6 - Part 2, Item 4.1.

- .2 Drywall Resilient Channels shall conform to Section 9.6 - Part 2, Item 4.2. A Reference Manufacturer: Mantane by Bailey Metal Products OR approved equal signed off by Parks Representative.
- .3 Z Bars shall conform to Section 9.6 - Part 2, Item 4.3.

2.9 Ceiling Suspension Members

- .1 Drywall Furring Channels shall conform to Section 9.7 - Part 2, Item 4.
- .2 Ceiling suspension members, hangers and tie wires shall conform to Section 9.7 - Part 2, Item 4.

PART 3 - EXECUTION

3.1 Installation

- .1 Commencement of work of this trade shall indicated acceptance of conditions for proper and complete installation as specified. Should conditions be deemed unacceptable, notify General Contactor and Architect before proceeding.

3.2 Workmanship

- .1 As required by Section 9.6 - Part 2, Item 1 and Section 9.7 Part 3, Item 2.

3.3 General Application

- .1 Apply gypsum wallboard in accordance with Section 9.6 - Part 2, Item 3.

3.4 Maximum Spacing of Supports

- .1 Maximum spacing of supports for gypsum wallboard shall be as required by Table 9.5/1 and in accordance with Section 9.6 - Part 3, Item 4

3.5 Screw Channel Wall Furring

- .1 Apply gypsum wallboard screw channel wall furring to surfaces as indicated in accordance with Section 9.6 - Part 3, Item 5.

3.6 Single Layer Application

- .1 Apply single layer gypsum board using screw fasteners in accordance with Section 9.6 - Part 3, Item 6.

3.7 Corner Beads

- .1 Install corner beads on all external and internal angles in accordance with Section 9.6 - Part 3, Item 11.1.

3.8 Casing Beads and Miscellaneous Trim

- .1 Install casing beads and miscellaneous trim to all openings and at junction with dissimilar materials in accordance with Section 9.6 - Part 3, Item 11.2.

3.9 Finish/Joint Treatment

- .1 Finish gypsum wallboard in accordance with Section 9.6 - Part 3, Item 12.2, Level of finish: Level 4.
- .2 Seal joints between sound rated partitions and adjoining construction with acoustical sealant in joint locations.
- .3 Extrude a full 3/8" diameter bead into joint between first layer of wallboard and floor and other adjoining surfaces to effectively block airborne sound transmission.
- .4 Fill joints around penetrations in sound rated partitions with fibre insulation.

3.10 Acoustical Sealant

- .1 Seal joints between sound rated partitions and adjoining construction with acoustical sealant in joint locations to provide minimum sound resistance of 50 STC.
- .2 Extrude a full 9 mm (3/8") diameter bead into joint between first layer of wallboard and floor and other adjoining surfaces to effectively block airborne sound transmission.
- .3 Fill joints around penetrations in sound rated partitions with acoustical batt insulation.
- .4 Seal joints in all party/demising walls.

3.11 Acoustical Insulation

1. Install batt insulation, as specified in Section 07 21 16, between studs in sound rated partitions as scheduled. Insulation shall fit tightly between studs and be installed full height of partition.

3.12 Cutting & Fit

- .1 Include all cutting and fitting of gypsum wallboard to accommodate recessed items in partitions and/or furring including, but not necessarily limited to, mechanical and electrical equipment and other recessed fixtures as indicated or required.

3.13 Patching & Pointing

- .1 Point up and patch gypsum wallboard; point up and around trim and other set work and leave work complete and perfect.

3.14 Clean Up

- .1 Clean up rubbish due to gypsum wallboard operations daily and keep the site and premises in clean and acceptable condition at all times.

END