

**Part 1            General**

**1.1                RELATED REQUIREMENTS**

- .1    Section 09 03 51 –Historic works plaster
- .2    Section 09 21 16 – Gypsum board assemblies

**1.2                REFERENCES**

- .1    ASTM International
  - .1    ASTM C841-03(2008)e1, Standard Specification for Installation of Interior Lathing and Furring.
  - .2    ASTM C847-12, Standard Specification for Metal Lath.
  - .3    ASTM C933-11, Standard Specification for Welded Wire Lath.
  - .4    ASTM C1032-06(2011), Standard Specification for Woven Wire Plaster Base.
  - .5    ASTM C1047-10a, Standard Specification for Accessories for Gypsum Wallboard and Gypsum Base Veneer.
  - .6    ASTM C1063-12a, Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster.
- .2    Canadian General Standards Board (CGSB)
  - .1    CAN/CGSB-51.34-M86, Vapour Barrier, Polyethylene Sheet for Use in Building Construction.
  - .2    CAN/CGSB-7.1-98, Lightweight Steel Wall Framing Components.
- .3    CSA International
  - .1    CSA A123.3-05(R2010), Asphalt Saturated Organic Roofing Felt.

**1.3                ACTION AND INFORMATIONAL SUBMITTALS**

- .1    Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2    Product Data:
  - .1    Submit manufacturer's instructions, printed product literature and data sheets. Data sheets must include product characteristics, performance criteria, physical size, finish and limitations.

**1.4                DELIVERY, STORAGE AND HANDLING**

- .1    Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
  - .2    Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
  - .3    Storage and Handling Requirements:
    - .1    Store materials off ground, indoors, in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
    - .2    Replace defective or damaged materials with new.
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- .4 Packaging Waste Management: remove for reuse and return of packaging waste as specified in Construction Waste Management Plan in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

## **1.5 ACCEPTABLE PRODUCTS AND MATERIALS**

- .1 Where a particular brand name is stipulated, see Instructions to Bidders for procedure for requesting approval of substitute materials and products

## **Part 2 Products**

### **2.1 MATERIALS**

- .1 Wood furring members: tie wire, inserts, anchors and fasteners according to ASTM C841.
- .2 BC Fir wood laths: conforming to standard ASTM C842 of type, dimensions and weight to suit plaster system and support spacing.
- .3 Polyethylene film: CAN/CGSB-51.34, 0.15 mm thick.
- .4 Accessories (corner beads, base screeds, cornerite, casing beads): conforming to ASTM C1047.

## **Part 3 Execution**

### **3.1 EXAMINATION**

- .1 Verification of Conditions: verify that conditions of substrate previously installed under other Sections or Contracts are acceptable for furring and lathing application in accordance with manufacturer's written instructions.
  - .1 Visually inspect substrate in presence of Departmental Representative.
  - .2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
  - .3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed from Departmental Representative.

### **3.2 PREPARATION**

- .1 Do not lath over bucks, anchors, blocking, electrical and mechanical work until they are inspected and approved by Departmental Representative.
  - .2 Leave finished work rigid, secure, square, level, plumb, and erected to maintain finish plaster line dimensions and contours.
    - .1 Make allowance for thermal movement.
  - .3 Provide clearance under beams and structural slabs to prevent transmission of structural loads to vertical furring.
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### **3.3 INSTALLATION OF FURRING AND LATHING**

- .1 Furring and lathing work: in accordance with ASTM C841 except as specified otherwise.
- .2 Wall Furring as indicated:
  - .1 Frame openings and around built-in equipment.
- .3 Wood lathing
  - .1 Install wood lathing
    - .1 Fit end joints on structural elements and stagger end joints in succeeding courses: on vertical surfaces, overlap inferior course on superior course.
    - .2 Install ribbed lath over chases, technical ducts and openings.
      - .1 Extend lathing by 450 mm on each side of opening.
    - .3 Secure lath to furring channels with 18 gauge tie wire at intervals not exceeding 150 mm.

### **3.4 CLEANING**

- .1 Progress Cleaning: do cleaning works
  - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment.

### **3.5 PROTECTION**

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by furring and lathing application.

**END OF SECTION**

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