

Part 1 General

1.1 SECTION INCLUDES

- .1 Materials and installation of cement parging finish at top of foundation walls.

1.2 RELATED SECTIONS

- .1 Section 01 33 00 – Submittal Procedures
- .2 Section 01 61 00 – Common Product Requirements
- .3 Section 01 74 19 – Construction/Demolition Waste Management And Disposal
- .4 Section 07 21 13 – Board Insulation: insulation backup for parging

1.3 SUBMITTALS

- .1 Submit product data and manufacturer's installation/application instructions in accordance with the requirements of Section 01 33 00.
- .2 Submit full range colour sample chips for review and selection. Indicate where colour availability is restricted.

1.4 DELIVERY, HANDLING AND STORAGE

- .1 Deliver, store and handle materials in accordance with Section 01 61 00.
- .2 Deliver and store materials in original containers, sealed, with labels intact.
- .3 Observe manufacturer's recommendations for storage and handling.

1.5 SITE REQUIREMENTS

- .1 Do not install parging system and accessory components until ambient air temperature is at least 4° C for at least 24 hours after commencement of insulation.
- .2 Allow each coat to cure minimum 24 hours before applying subsequent coats.
- .3 Do not apply parging system on surfaces that are frozen or excessively wet.
- .4 Protect parging system from weather immediately after installation and continuously until such time as installed system will not be affected by weather.
- .5 Apply materials during dry weather. Protect installed work from moisture penetration.

1.6 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 19.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.

- .3 Collect and separate for disposal paper, plastic, corrugated cardboard, and other packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.
- .4 Do not dispose of unused materials into sewer systems, onto ground or in other locations where it will pose health or environmental hazard.

Part 2 Products

2.1 MATERIALS

- .1 Insulation backup: board insulation B specified in Section 07 21 13.
- .2 Parging finish system: proprietary prepared; poly-modified Portland cement and silica sand mixed with liquid admixture; with aggregate to allow light texture (sand) finish when applied; grey color selected by Departmental Representative from manufacturer's full color range.
- .3 Reinforcing fabric: nominal 142 g/m² weight; 24 warp and 20 weft; symmetrical, interlaced "LENO" open weave glass fiber; alkaline resistant.
- .4 Mechanical fasteners: non-corrosive type with nylon sheaths; nylon sheaths to have expandable shanks and 38 mm diameter nylon collars.
- .5 Corner beads, control joints and flashings: preformed from minimum 0.43 mm thick galvanized steel.

Part 3 Execution

3.1 EXAMINATION

- .1 Verification of surfaces:
 - .1 Substrates, to which parging system is installed, to be structurally sound and acceptable to manufacturer prior to commencing application.

3.2 INSTALLATION

- .1 Install reinforcing fabric to comply with the following:
 - .1 Place single layer of reinforcing fabric as part of parging system.
 - .2 Apply reinforcing fabric over insulation board with overlap at edges.
 - .3 Secure through insulation in accordance with parging system manufacturer's written directions.
- .2 Mechanical fasteners to penetrate concrete foundation backup by minimum 35 mm.
- .3 Corner beads and control joints:
 - .1 Locate corner beads at corners.
 - .2 Locate control joints at junctions with existing foundation wall parging.

- .4 Base coat application:
 - .1 Trowel base coat into reinforcing fabric in a tight coat.
 - .2 Apply base coat to level out surface areas and to fill joints smooth with adjacent areas.
 - .3 All reinforcing fabric must be totally embedded, not visible and totally free of wrinkles.
 - .4 All insulation is to be totally encapsulated with base coat.
- .5 Finish coat application:
 - .1 After base coat has adequately set apply finish coat.
 - .2 Apply in one operation.
 - .3 Apply to achieve light (sand) texture finish acceptable to Departmental Representative.
 - .4 Base coat is not be visible after finish coat is installed.
- .6 Apply cement parging to minimum 6 mm thickness, completely encapsulating reinforcing and board insulation.

3.3 CLEAN-UP

- .1 Keep work area free from an unnecessary accumulation of tools, equipment, surplus materials and debris.

END OF SECTION