

Part 1 General

1.1 REFERENCES

- .1 American Society for Testing and Materials (ASTM)
 - .1 ASTM C206, Standard Specification for Finishing Hydrated Lime.
 - .2 ASTM 897, Standard Specification for Aggregate for Job-Mixed Portland Cement-Based Plaster
- .2 Canadian Standards Association (CSA)
 - .1 CAN/CSA-A3000, Cementitious Materials Compendium (Consists of A5, A8, A23.5, A362, A363, A456.1, A456.2, A456.3).
 - .2 CSA-A123.2, Asphalt Coated Roofing Sheets.

Part 2 Products

2.1 MATERIALS

- .1 Portland cement: Type 10 to CAN/CSA-A5.
- .2 White cement: proprietary brand as commercially available conforming to CAN/CSA A5.
- .3 Hydrated finishing lime: to ASTM C206, Type S.
- .4 Sand: clean, well graded fresh water sand to ASTM C897.
- .5 White sand: clean, well screened to ASTM C897, or proprietary white sand as commercially available.
- .6 Water: clean, potable and free from deleterious matter, acids or alkalis..

2.2 ACCESSORIES

- .1 Stucco stops: square, 26 gauge galvanized sheet steel or pure zinc, perforated or expanded flanges.
- .2 Corner beads: standard 26 gauge galvanized sheet steel or pure zinc, perforated or expanded flanges.
- .3 Control joints: "M" type for flat or corner application, 26 gauge galvanized steel, perforated or expanded flanges, ground depth to suit.
 - .1 Acceptable material: Keene #30 Cornermaster, Keene #15 Expansion Joint.

2.3 MIXING

- .1 Do not use detergent, soap, or other additives in stucco mixes.
- .2 Proportion parts by volume; accurately measure ingredients, including water. Proportion successive batches alike.
- .3 Adjust cement and lime content by volume based on strength, workability and finishing requirements.
- .4 Scratch coat: 1 part cement; 3/4 to 1½ parts lime; 2½ to 4 parts sand (volume of sand per sum of cementitious material).
- .5 Parge coat: 1 part cement; 3/4 to 1½ parts lime; 3 to 5 parts sand (volume of sand per sum of cementitious material).

Part 3 Execution

3.1 ACCESSORIES

- .1 Erect accessories straight, plumb or level, rigid and at proper plane. Use full length pieces wherever possible. Make joints tight, accurately aligned and rigidly secured. Mitre and fit corners accurately, free from rough edges.
- .2 Provide metal corner beads at all external angles.
- .3 Provide casing beads wherever stucco terminates and abuts other surfaces.
- .4 Provide continuous base screed at bottom of stucco panels where panels terminate.

3.2 CEMENT STUCCO APPLICATION

- .1 Scratch coat:
 - .1 Apply full scratch coat in sufficient thickness with sufficient pressure to form positive bond. Cross scratch and allow to set.
 - .2 Damp cure for not less than 48 hours. Permit to dry.
- .2 Parging coat:
 - .1 Apply parging coat on scratch coat no sooner than 48 hours after installation of scratch coat.
 - .2 Apply over dampened scratch coat with sufficient pressure to form positive bond.
 - .3 Bring out to grounds, straighten to true surface, and provide medium brush dash finish.
 - .4 Damp cure for not less than 48 hours.

3.3 STUCCO THICKNESS

- .1 Thickness of finish or top coats specified below are minimum thickness. Increase thickness as required to suit specified textured finishes.
- .2 Cement parging (two coat system) on vertical surfaces on metal reinforcement on solid base:
 - .1 Scratch coat: 1/2"
 - .2 Finish (parge) coat: 1/4"
 - .3 Total: 5/8"