

ADDITIONAL SPECIFICATION

Item No. 4 : Providing and Fixing 6 mm thick Lexan Polycarbonate multi wall roofing sheet fixed with hilti screw and rubber silicon sealer and aluminium strip of size 50 x 3 mm etc complete as directed by Engineer in charge.

Material:

- Sheet: Lexan or equivalent, 6 mm thick, multiwall type, UV-protected on both sides.
- Fasteners: Hilti or equivalent self-drilling stainless steel screws with neoprene washers.
- Sealant: Silicone rubber sealant, neutral cure, weather-resistant.
- Strip: Aluminium flat strip, 50 mm × 3 mm, for edge and joint capping.
- Execution:
- Sheets shall be handled carefully to avoid scratches or damage.
- Protective film shall be removed only after installation is complete.
- Fixing shall be carried out in dry weather conditions. All works to be done in accordance with the approved shop drawings and manufacturer's installation guidelines.

Measurement:

- Area of finished roofing (in sqm) shall be measured, excluding overlaps and wastage.

Item No. 9 : Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete

Materials

The external acrylic paint shall be as per the approved list from Asian or equivalent.

Workman ship

Surface

preparation

- 1 The painting shall start only 2-3 months after the plastering (newly plastered) of the 2-3 months after the plastering (newly

plastered) of the surface.

- 2 The surface to be painted should be free from chalking, dust grease, loose paint, loose powdery particles, fungus, / algae etc. the surface shall be thoroughly cleaned boomed to remove all foreign particle etc.
- 3 Oil or grease spots, algae or other foreign matter shall be removed by suitable chemical or water , by vigorous wire brushing. if the surface is cleaned with water , than , it shall be allowed to dry before application of paint, In no case the painting shall be allowed on damp surface.
- 4 Cracks on the surface if any shall be filled with a cement and sand mortar in the ratio 1:2.

scaffolding

Wherever scaffolding is required it shall be erected with suitable supports and bracing A properly secured strong on well tied suspended platform shall also be Provided. Where ladders are used piece of old gunny bags shall be tied at to and bottom to prevent scratches to the floors and walls.

Application

- 1 The sample of the panting work shall be got approved by the Architect or Engineer in charge.
- 2 Sample shall be carried out for various shapes as per instruction and satisfaction of Architect or Engineer in charge.
- 3 Three coats of paint shall be apply on the surface to the help of brush of roller The first, second & third coat shall be applied with 100 % , 40%, & 40 % dilution by volume respectively or as per the suppliers specification in consultation with the engineer in charge. No conventional primer or putty shall be applied o the exterior surface.
- 4 To maintain the uniform mixture and to prevent segregation, the paint shall be stirred frequently in the bucket.
- 5 A gap of four hours shall be kept between two subsequent coats. The next coat shall be start until the previous coat has become sufficiently hard to resist marking by the brush being used.
- 6 The finished surface shall be even and uniform in shape without patches, brush marks, paint drops etc.

- 7 The surface of the doors, windows, floors etc. and other parts of the building shall be protected from paint being splashed upon; such surface shall be cleaned properly after the completion of work.
- 8 Painting will not be carried out in the rainy / cloudy season, when rain is expected the work shall not be commenced.

Mode of Measurement

- 1 The rate shall be for unit of 1 sqm.
- 2 The rate shall be inclusive of all the three coats and scaffolding wherever necessary.
- 3 The rate shall be for all heights and locations.
- 4 The sample works for various shades shall be free of cost.
- 5 Measurement shall be done as pr IS : 12000

***Deputy Executive Engineer
R & B Sub Division Bhuj.***