

of 700mm centers and the first hoop shall be 2.40m above ground or platform level.

4. Each hoop shall be able to withstand a tangential point load of 740N and a vertical point load of 1200N applied at any point on the hoop. The maximum allowable deflection at the point of application of the load shall not exceed 25mm and there shall be no permanent deformation of the hoops after removal of the load after 24 hrs.
5. An intermediate landing shall be provided where the rise exceeds 6.00m

C. GRP Hand railing:

1. Glass Reinforced Plastic (GRP) hand railing shall be as indicated in the Drawings.
2. GRP hand railing shall be 1000mm high and be provided with an intermediate rail 500mm high. Standards shall be set at not more than 1.50m centres.
3. Hand railing and fixings shall be designed to withstand a lateral horizontal force at upper handrail level of 740N/m run.
4. The deflection of rails shall not exceed 0.8% of their span between standards and the deflection of standards shall not exceed 0.8% of their height.

D. GRP Grab Handles:

1. Glass Reinforced Plastic (GRP) Grab Handles shall be positioned centrally at 400mm apart over the ladder and as directed by the Engineer.

2.1.4 Submittals

- A. Submit under provisions of Section 01300.
- B. Product Data: Provide data on product characteristics, performance criteria, limitations.
- C. Manufacturer's Installation Instructions: Indicate special environmental conditions required for installation, installation techniques.
- D. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

2.1.5 Mock-up

- A. Provide mockup of materials of this section under provisions of Section 01400.