

- E. Verify dimensions and work of other trades which adjoin materials of this Section before the installation of items herein.

8.2 Part 2- Products

8.2.1 Concrete Materials

A. Cement

1. See provisions of Section 03305.

B. Aggregates

1. Silica sand must comply with the following requirements:

- | | | |
|---------------------|---|---------------|
| a. Silica content | : | >96% |
| b. Moisture content | : | <2% |
| c. Soluble salts | : | <1% |
| d. Loss on ignition | : | <0.5% |
| e. Sulphate Ion | : | Maximum 0.4% |
| f. Chloride Ion | : | Maximum 0.06% |

C. Reinforcement

1. Alkali resistant continuous filament chopped glass fiber specially formulated to have high strength retention in hydraulic cement environments.

D. Admixtures

1. Conform to ASTM C494 and BS 5075. Use strictly in accordance with the suppliers recommendations. Ensure that the use of admixture has no adverse effect on the ultimate product.

E. Color Pigment

1. BS 1014 – Powder type pigment, use to produce colored GRC, resistant to alkali, and to fading in direct sunlight

F. Water

1. BS 3148 – Clean and free from deleterious matter.

8.2.2 Framing Materials

A. All metallic framing parts and accessories shall be galvanized.

1. All fasteners shall be stainless steel type (316).