

## 4.10. GRC/GRFC and GRP Systems

- 4.10.1.** GRP/GRFC and GRP systems shall comply with general requirements of **Section 4.5**, where used on façade and exterior wall and the specific requirements of **Section 4.10**.
- 4.10.2.** GRP/GRFC and GRP systems may be used in a variety of building exterior envelope and Façade systems, many of which may be project based and of a specific design. However Manufacturers, Consultants, Design Teams, Contractors and Testing laboratories must ensure that these systems comply in the first instance with the Reaction to Fire, Surface Spread of Flame and Resistance to Fire performance requirements and intent of the UAE Fire and Life Safety Code of Practice. This also includes selection of non-combustible formers, appropriate Fire Stopping and buildability of the tested system against the field application.

### 4.10.3. Definition

- 4.10.3.1.** Glass fiber reinforced concrete or GFRC is a type of fiber-reinforced concrete. The product is also known as glass fiber reinforced concrete or GRC. Glass fiber concretes are mainly used in exterior building façade panels and as architectural pre-cast concrete.



GRC PANEL FOR ILLUSTRATION

