



ARCHITECTURAL COMPOSITES™

FLORIDA | NEW YORK | CALIFORNIA

Innovative Architectural Solutions™

FORTON MG | GFRG | GFRC | PLASTER

To whom it may concern.

Below list identifies several qualities of **Forton MG** that present it as an equal or superior building product and alternative to Glass Fiber Reinforced Concrete (GFRC). When used properly and supplied by recognized and certified manufactures the material will have the following characteristics:

1. Forton MG is a Polymer based material with minimal porosity.
2. Forton MG can provide for more aggressive production schedules because multiple pieces can be cast from one mold per day. The number of pieces cast per day is determined by the size and shape of the pieces. 2 to 4 pieces can be expected, while GFRC is cast with a one piece per day per mold schedule.
3. Forton MG offers significant environmental benefits compared to GFRC, with its gypsum cement boasting a carbon dioxide footprint of just 105 kg/ton, compared to GFRC's 900 kg/ton from concrete. This substantial reduction in carbon emissions supports contractors in achieving Green Building Certification, positioning Forton MG as an ideal choice for eco-conscious construction projects.
4. Forton MG demonstrates superior stability compared to GFRC in terms of expansion and contraction, making it particularly suitable for environments with extreme temperature or humidity variations.
5. Forton MG has a superior resistance to harmful UV rays.
6. With a track record of over 30 years, Forton MG is recognized for its minimal maintenance requirements, underscoring its reliability in various construction applications.
7. Forton MG can be cast as a shell similar to GFRC but offers accelerated installation methods such as clip systems, resulting in potential cost savings of 15%-30% compared to GFRC installations.
8. Forton MG is approximately 3 times harder than GFRC.
9. Forton MG is approximately 4 times lighter than GFRC (6 lbs/sqft vs. 24 lbs/sqft), reducing structural weight and offering advantages in weight-sensitive building designs.
10. Forton MG boasts superior flexural strength compared to GFRC, making it optimal choice for earthquake-prone regions. As a testament to its durability and reliability, our Forton MG has received RR approval from city of Los Angeles, CA validating its suitability as an exterior architectural cladding material.
11. The material can be cast into molds with infinite styles and shapes.
12. The material can be cast with integral color.
13. The material can be cast with multiple and unusual textures.
14. With proper preliminary planning, systems of installation can be used to expedite installation, which reduces prep and finish work in the field.
15. Forton MG is classified as Class A Fire rated, meeting stringent fire safety standards for various construction projects.

Think Savings, Think Green, Think Forton MG!

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