

Property and standard of UHPC		
Material	Comply to	Standard
Portland Cement	ASTM C 150 · Type I, II, or III	For surfaces exposed to view in finished structure, use white of same type, brand, and source throughout GFRC production.
Matakalin	ASTM C 618, Class N	For supplementary cementing material if its use by GFRC manufacturer has been proven in service to maintain GFRC ductility.
Glass Fibers	ISO 9001 Standard	Alkali resistant
Sand	ASTM C 144; passing No. 20 (0.85-mm) sieve with a maximum of 2 percent passing No. 100 (0.15-mm) sieve.	Washed and dried silica.
Coloring admixture	ASTM C 979	Maximum of 10% synthetic mineral-oxide pigments or colored.
Polymer - Curing Admixture	PCI MNL 130	Acrylic thermoplastic copolymer dispersion complying with PCI MNL 130 if wet curing is not used.
Chemical Admixtures	ASTM C 494/C 494M	containing not more than 0.1 percent chloride ions.
Strength Grade	GRCA	Achieve Grade 18 or 18p