



**QUALITY AND DURABILITY OF CONSTRUCTIONS: THE USE OF GFRP AS
SUBSTITUTE OF STEEL REINFORCEMENT IN REINFORCED CONCRETE
AND FERROCEMENT**

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Abstract: Are exposed criterium why to use FRP and about necessity of displacement steel for GFRP to get durability of constructions. The advantages and disadvantages are explained and its use in Caribbean countries because the aggressivity of environment are presented. A technical report of the GFRP used in Cuba and its principal characteristics are developed and examples of its use all around the world and specially its use in Cuba with several case studies of constructed, in construction and projected works to be build in next years are explained. Finally, some conclusion are presented about the importance of the use of GRFP.