

Glass Fiber Reinforced Polymer (GFPR) Coated Steel Bars – Composite Rebar Technologies

HIGH PERFORMANCE DOWEL BAR – 1.25 inch (32 mm)

Glass Fiber Reinforced Polymer (GFRP) Coated Steel Bars having a finished (smooth) surface with a minimum outside diameter of 1.25 inches [32 mm] and a length of 15 inches [381 mm]. The bars shall be 1.0 inch [25 mm] diameter, ASTM A615 Grade 60 minimum carbon steel, with a fully bonded 0.125 inch [3.175 mm] thick GFRP coating meeting the Material Specifications of Section 4 of The AASHTO LRFD Bridge Design Guide Specifications for GFRP Reinforced Concrete Bridge Decks & Traffic Railings – 2009 Edition. The GFRP dowel bars will be mechanically attached to the dowel basket.

HIGH PERFORMANCE DOWEL BAR – 1.5 inch (38 mm)

Glass Fiber Reinforced Polymer (GFRP) Coated Steel Bars having a finished (smooth) surface with a minimum outside diameter of 1.5 inches [38 mm] and a length of 15 inches [381 mm]. Provide bars 1.25 inch [32 mm] diameter, ASTM A615 Grade 60 minimum carbon steel, with a fully bonded 0.125 inch [3.175 mm] thick GFRP coating meeting the Material Specifications of Section 4 of The AASHTO LRFD Bridge Design Guide Specifications for GFRP Reinforced Concrete Bridge Decks & Traffic Railings – 2009 Edition. Mechanically attach the GFRP dowel bars to the dowel basket.