

CMI Dowel

316L Stainless Steel Tube with Steel Core– Construction Materials, Inc.

High Performance Dowel Bar - 1.25 inch

This high performance solid dowel bar is constructed of ASTM A249 Grade T316L Stainless Steel tube shell having a smooth bright annealed finish with a minimum thickness of 0.035 inches [0.89 mm]. The core material shall be hot rolled steel conforming to ASTM A615, Grade 60. The steel core will be inserted into the stainless steel tube shell and a press will be used to seat the steel core into its final position. A structural epoxy will be used to fill the annular air space between the tube shell and the core. The minimum outside diameter of the bar, including the stainless steel tube shell, shall be 1.25 inches [32 mm] and the length of the dowel will be 15 inches [381 mm]. Small end plugs may be used to capture the structural epoxy until it has reached a cured state inside the tube and to seal the end or ends.

High Performance Dowel Bar - 1.5 inch

This high performance solid dowel bar is constructed of ASTM A249 Grade T316L Stainless Steel tube shell having a smooth bright annealed finish with a minimum thickness of 0.035 inches [0.89 mm]. The core material shall be hot rolled steel conforming to ASTM A615, Grade 60. The steel core will be inserted into the stainless steel tube shell and a press will be used to seat the steel core into its final position. A structural epoxy will be used to fill the annular air space between the tube shell and the core. The minimum outside diameter of the bar, including the stainless steel tube shell, shall be 1.5 inches [38 mm] and the length of the dowel will be 15 inches [381 mm]. Small end plugs may be used to capture the structural epoxy until it has reached a cured state inside the tube and to seal the end or ends.