

# Agent for 6-core Fiber Reinforcement Pads

SikaFiber® is the ideal solution for replacing bulky steel rebar or wire mesh reinforcement in concrete slabs, saving time and money in the construction process.

However, few studies have examined the practical application of sizing agents and their impact on the performance of carbon fiber composites, especially compressive performance. This ...

In this study, a water-based aminoethylpiperazine-polyamide (AEPPA) is synthesized and its water-based sizing agent is prepared to improve the interfacial properties of carbon fiber ...

FORTA is a global leader in reinforcement fiber products, enhancing material performance and long-term durability in concrete, asphalt, and other applications by minimizing cracking and improving ...

FRP reinforcing can be made from various types of fibers such as glass (GFRP), basalt (BFRP) or carbon (CFRP). A surface treatment is typically provided that facilitates a bond between ...

W. R. Meadows Product Data Sheets, featuring our full line of premium-grade construction products for architects, engineers, contractors and building owners.

This paper modifies coconut fiber with oxalic acid and silane coupling agent (KH550), and investigates the effect of modified fiber reinforcement on the sandblasting erosion performance of ...

For example, use fiber at a dosage to provide a minimum residual strength of 200 psi (1.4 MPa) in a 4,000 psi (28 MPa) concrete mixture. The fiber dosage will be determined based on ASTM ...

In this study, a novel functionalized graphene oxide (F-GO) modified polyamide 6 (PA6) sizing agent is developed to improve the interfacial and mechanical properties of carbon fiber (CF) ...

In this study, a hybrid sizing agent in which alcohol-soluble polyamide 6 (PA6) and a silane coupling agent were chemically combined was applied to improve the interfacial adhesion of ...

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