

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Carbon Fiber Cloth



1.Introduction: Carbon fiber cloth is pressed with carbon fiber and resin, which is used for tensile, shear and seismic reinforcement of structural components. The product and matching impregnating adhesive are used together to form carbon fiber composite material, which can form a complete and excellent carbon fiber cloth sheet reinforcement system, suitable for protection and reinforcement of building engineering, structural crack treatment, material aging

2, Main mechanical property parameters of the product

ITEM	UNIT	C-200	C-300
Gram weight	g/m ²	200	300
Tensile strength	Mpa	≥3400	≥3400
Modulus of elasticity	Gpa	≥240	≥240
Rate of elongation	%	≥1.7	≥1.7
Thickness	Mm	0.1~11	0.1~67
Flexural Strength	Mpa	≥700	≥700
Shear strength	Mpa	≥45	≥45

3.Features of Carbon Fiber Cloth:

- 1) high strength, small density and thin thickness
- 2) Convenient construction, no need for large-scale mechanical tools and equipment
- 3) Very high durability, no rust, very suitable for high acid, alkali, salt and atmospheric corrosion environment.

4. Application scope: reinforcement and repair of various structural parts, such as beams, plates, columns, piers, shells, etc. It is applicable to the reinforcement and aseismic reinforcement of port engineering and water conservancy and hydropower engineering

5. Reinforcement principle: the high-performance carbon fiber matching resin impregnated and bonded to the surface of the concrete component, and the excellent

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tensile strength of carbon fiber material is used to enhance the bearing capacity and strength of the component.

6. Product category and specification: the product category is mainly PAN based carbon fiber cloth, with specifications of 1K, 3k, 6K, 12K, 24K

7. Good feedback of product use effect, the products have been exported to South Korea, America, Morocco

8. We are a professional supplier, who can provide customers with free product technology, use and other issues.

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

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