

WHY FCI?

FIBRE CRAFT INDUSTRIES has been in business since 1985 and with sheer dint of hardwork has become one of the leading composite manufacturers in Pakistan. With an aim of bringing home the world reowned technology we are working tirelessly to introduce the international/modern technology in Pakistan. We are an ISO-9001 certified company with highest quality products in composite industry.



FCI has brought home the world reowned technology of PULTRUSION in 1993. Since then we have been manufacturing Structural Profiles for construction industry. In the early 2000's we took the initiative of manufacturing FRP Rebars & Rockbolts locally first time in the history of Pakistan and today it is one of our recognized product in construction & minning industry of Pakistan.

WHY FRP REBARS & ROCKBOLTS ?


Inevitably concrete will crack, creating a direct avenue for chlorides to begin oxidizing the steel rebar which in turn proves worst for strengthening structures. FRP/GRP Rebars & Rockbolts are corrosion-free, have out-standing durability, and do not corrode or deteriorate as steel or any other conventional material.

Fiberglass Reinforced Polymers Rebars & Rockbolts (FRP's) are a proven and successful alternative reinforcing agent in comparison to conventional material.

Their unique durability is maintained even in corrosive conditions or in contact with chemicals, salt water or other aggressive liquids.

Corrosion of internal reinforcing steel is one of the fundamental causes of early deterioration of concrete structures.

GET IN TOUCH

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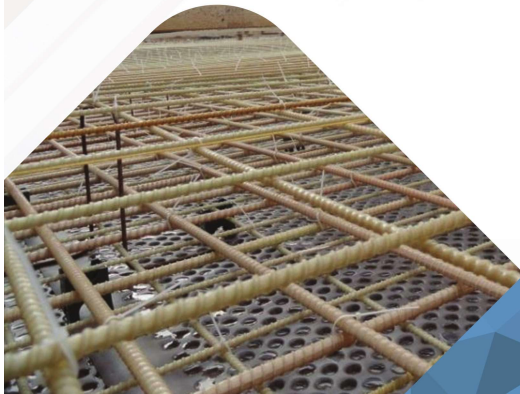
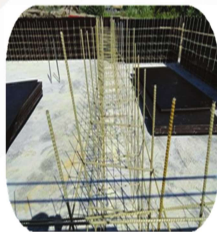
FIBRE CRAFT INDUSTRIES

FRP REBARS & ROCKBOLTS

ADVANTAGES OF FRP/GRP

FRP/GRP Rebars & Rockbolts are low weight but comes with great strength, exceptional durability with minimal maintenance alongwith electrical and thermal insulation. All of these advantages combined into a product makes it a cost-effective option for the sustainable construction industry of the future.

Our manufactured Rebars & Rockbolts will give you the strength same as steel – but at only a quarter of the density. You can create a lighter, more streamlined design without compromising on strength.

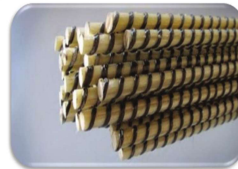


SIZES OF FRP REBARDS

NOMINAL DIAMETER			F _T GUARANTEED TENSILE STRENGTH	E _T TENSILE MODULUS OF ELASTICITY	ULTIMATE STRAIN
Size	mm	in	MPa	GPa	%
2	6	1/4	896	46	1.94%
3	10	3/8	827	46	1.79%
4	13	1/2	758	46	1.64%
5	16	5/8	724	46	1.57%
6	19	3/4	690	46	1.49%
7	22	7/8	655	46	1.42%
8	25	1	620	46	1.39%

FRP Rebars & Rockbolts are also available in various sizes upon request.

Rockbolts are also available in different sizes including backplates and nuts.



WHY CHOOSE FCI ?

FCI has a time tested solution for every customized requirement of our clients. Our technical team is always available for discussion of right choice of material and product as per the application.

We are also working with

- CPI-chemical process industries
- Industrial & Public Health
- Transportation & Railways
- Electrical & Telecommunication
- Specialized high tech composites & general consumer products

