

IDEAL SUBSTITUTE FOR MILD STEEL / CONCRETE & G.I. RAILINGS

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KK fiber
Durability - Strength - Quality

ADVANTAGES OF KK FIBER RAILINGS

- Excellent aesthetics
- Resistance to corrosion & chemicals
- High in strength
- Ease of handling due to low weight
- Theft proof
- Negligible maintenance cost
- Provision of advertisement by sponsor
- Low installation cost
- Availability in any colour of choice
- Heat & electrical resistance
- Fire resistant can be made of request

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COMPARISON BETWEEN FRP & STEEL MATERIAL

DESCRIPTION	FRP	STEEL
COST	Lower installation costs , less maintenance, longer product life, cause lower life span cost .	Lower initial material costs.
ELECTRICAL CONDUCTIVITY	Non conductive . Good insulator with low thermal conductivity 0.04W/mK .	Requires grounding due to high conductivity. Thermal conductivity 50.2 W/m
IMPACT RESISTANCE	Will not deform permanently under impact.	Can deform permanently .
CORROSION RESISTANCE	Resists a broad range of chemicals and water and is therefore corrosion resistant.	Subject to oxidation and corrosion which otherwise requires galvanisation for many complications - a expensive and difficult process.

APPLICATION OF RAILINGS

1. These railings prevent movement of two wheelers on footpaths which is a common sign in our cities during congestion. They also act as a divider between road & foot path & hence safeguard pedestrians against any accident by moving vehicle.
2. Used in beautification of roads, Gardens, Housing Colonies, Hotels, Buildings.
3. Can be used as fencing and boundary wall.

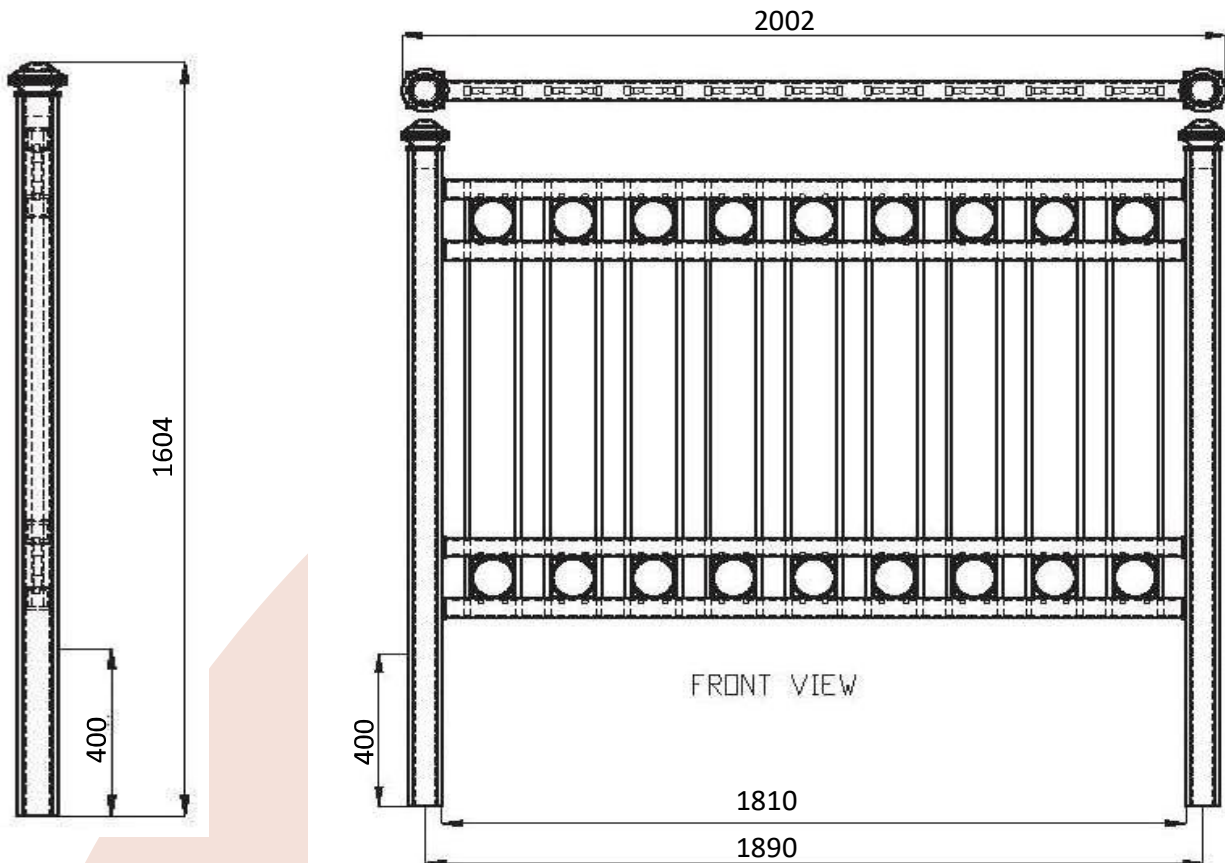
COMPARISON BETWEEN MILD STEEL / CONCRETE / KK FIBER RAILINGS

DESCRIPTION	MILD STEEL	CONCRETE	KK FIBER
Aesthetics	GOOD	GOOD	EXCELLENT
Life Span	POOR	GOOD	EXCELLENT
Corrosion / Heat / Electrical Resistivity	POOR	GOOD	EXCELLENT
Maintenance Cost	HIGH	MODERATE	NIL
Ease of Handling	MODERATE	POOR	GOOD
Choice of Colour	AVAILABLE	NA	AVAILABLE
Strength to Weight Ratio	LOW	VERY LOW	HIGH

DIMENSIONS OF KK FIBER RAILINGS

ITEM CODE	LENGTH	OVERALL HEIGHT	HEIGHT ABOVE GROUND	PILLAR SECTION
KK FIBER 01	2000mm	1600mm	1200mm	80x80x8mm
KK FIBER 02	2000mm	1300mm	900mm	80x80x8mm

SECTION DRAWING





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KK-FRP AND KONCRETE PRODUCTS PVT. LTD.
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