



# PRODUCT CATALOG

*China FRP Profiles & Gratings*

Brochure for  
**FRP Beam**

*Professional Composite Manufacturer & Solution Designer*

*Aocomm Composite Co., Ltd.*

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<https://www.cofiberial.com>

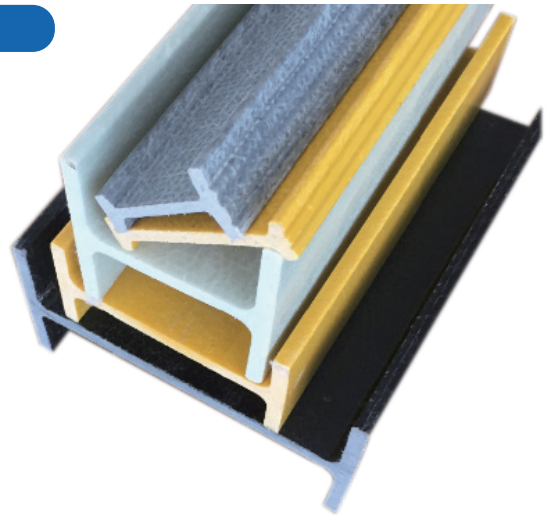
### 03. FRP Beam

#### Excellent Bearing Structures and Supporting Parts

**FRP beams** are good materials with high strength support structure.

It is suitable for crowds of long-span and high-strength structures.

FRP beams have excellent bearing capacity and they are widely used in bridges, roof bracing structures and industrial platforms.



#### Available Surfaces

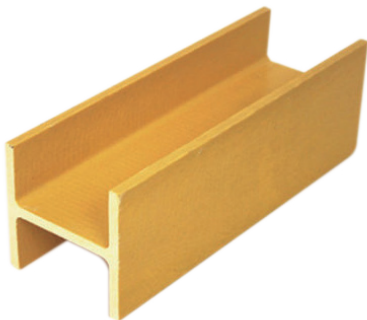


Smooth Surface

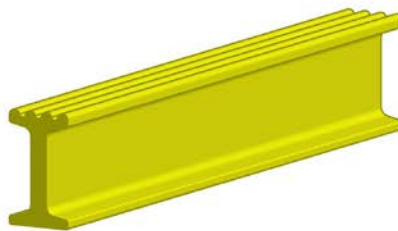


Corrugated Surface

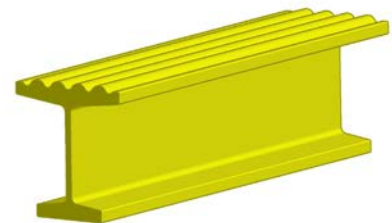
#### Available Types



FRP Wide Flange Beam



FRP I Beam



FRP Unequal Flange I Beam

## Features

- *Good bearing capacity.*
- *Superior shear and bending capacity.*
- *Easy fabrication.*
- *Corrosion resistance.*
- *Anti-slipping performance.*
- *Lightweight.*
- *Wide range of applications.*
- *Good looking, corrosion-resistant.*
- *Free maintenance, fire retardant, anti-UV.*
- *Excellent insulation, magnetic permeability.*
- *Any color, length, and specification.*

## Classical applications

- Beam structure of bridge.
- Roof support structure.
- Industrial platform.
- FRP beam support stair.
- FRP Fencing system.
- Cable management systems and support.
- Cooling tower structure.
- Grating structure component.
- Platforms and walkways where non electrical and thermal insulating properties are required.



**Structure Support**



**Cable ladder**



**FRP Fencing**

## Common Specifications of FRP Wide Flange Beam

Item	A (mm)	B (mm)	T1 (mm)	T2 (mm)	Item	A (mm)	B (mm)	T1 (mm)	T2 (mm)
FRPWFB-01	6	6	4	6	FRPWFB-22	76	38	6.4	6.4
FRPWFB-02	8.5	8.5	6.5	13	FRPWFB-23	100	100	8	8
FRPWFB-03	12	12	6	19	FRPWFB-24	100	100	6.35	6.35
FRPWFB-04	15	25	4	50.8	FRPWFB-25	100	80	8	8
FRPWFB-05	15	15	4	38	FRPWFB-26	100	80	5.5	5.5
FRPWFB-06	15	15	4	25.4	FRPWFB-27	102	102	8	8
FRPWFB-07	19	19	4	4	FRPWFB-28	102	102	6.4	6.4
FRPWFB-08	25	30	3.6	2.6	FRPWFB-29	120	100	8	8
FRPWFB-09	25	25	4	4	FRPWFB-30	140	140	10	10
FRPWFB-10	30	25	3.6	3.6	FRPWFB-31	148	148	18	18
FRPWFB-11	38	38	4	4	FRPWFB-32	152	152	9.5	9.5
FRPWFB-12	38	30	3	3	FRPWFB-33	152	152	6.4	6.4
FRPWFB-13	38	30	2.5	2.8	FRPWFB-34	152	152	6.35	6.35
FRPWFB-14	40	40	5	5	FRPWFB-35	152	127	12.7	12.7
FRPWFB-15	40	30	3.6	3.6	FRPWFB-36	152	127	9.5	9.5
FRPWFB-16	40	30	3.6	2.6	FRPWFB-37	203	203	12.7	12.7
FRPWFB-17	50	50	8	8	FRPWFB-38	203	203	9.5	9.5
FRPWFB-18	58	58	5	5	FRPWFB-39	203	203	6.4	6.4
FRPWFB-19	58	58	4	4	FRPWFB-40	254	254	12.7	12.7
FRPWFB-20	76	76	6.4	6.4	FRPWFB-41	254	254	9.5	9.5
FRPWFB-21	76	76	6.35	6.35	FRPWFB-42	305	305	12.7	12.7

## Common Specifications of FRP I-Beam

Item	A (mm)	B (mm)	C (mm)	Item	A (mm)	B (mm)	C (mm)
FRPIB-01	13	8.5	6.5	FRPIB-30	100	50	8
FRPIB-02	15	12	6	FRPIB-31	100	50	6.4
FRPIB-03	15	11	8	FRPIB-32	100	50	4
FRPIB-04	19	12	6	FRPIB-33	102	51	6.4
FRPIB-05	25	15	6.4	FRPIB-34	102	50	8
FRPIB-06	25	15	5	FRPIB-35	102	50	6.4
FRPIB-07	25	15	4.2	FRPIB-36	108	80	50
FRPIB-08	25	15	4	FRPIB-37	110	50	5
FRPIB-09	25	15	3.8	FRPIB-38	120	60	6
FRPIB-10	25	15	3.5	FRPIB-39	140	80	10
FRPIB-11	25.4	15	4	FRPIB-40	150	100	12
FRPIB-12	32	15	4	FRPIB-41	150	100	8
FRPIB-13	38	15	6.4	FRPIB-42	150	100	7
FRPIB-14	38	15	5.5	FRPIB-43	150	75	8
FRPIB-15	38	15	5	FRPIB-44	152	76	9.5
FRPIB-16	38	15	4.2	FRPIB-45	152	76	6.4
FRPIB-17	38	15	4	FRPIB-46	160	80	8
FRPIB-18	38	15	4	FRPIB-47	180	60	6.4
FRPIB-19	38	15	3.8	FRPIB-48	180	45	12.7
FRPIB-20	50	18	4.5	FRPIB-49	180	45	12.7
FRPIB-21	50	15	4	FRPIB-50	180	45	9
FRPIB-22	50.8	15	4	FRPIB-51	200	100	10
FRPIB-23	57	15	5	FRPIB-52	203	102	12.7
FRPIB-24	58	15	6	FRPIB-53	203	102	9.5
FRPIB-25	58	15	5	FRPIB-54	240	120	12
FRPIB-26	58	15	3.8	FRPIB-55	254	127	12.7
FRPIB-27	65	30	3.6	FRPIB-56	254	127	9.5
FRPIB-28	70	15	6	FRPIB-57	305	152	12.7
FRPIB-29	80	15	5	FRPIB-58	305	152	9.5

## Common Specifications of FRP Unequal Flange I-Beam

Item	h (mm)	W1 (mm)	W2 (mm)	W (mm)
FRPUFIB-02	35	40	25	2



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