



FRP HOME
CARBON & COMPOSITE MATERIALS

SUPPLY REFERENCE DATA SHEET

200gsm UD Carbon Fiber Strengthening Fabric

Legacy source-record supply reference for civil strengthening review

SUPPLIER / BRAND	ZHEJIANG FRPHOME NEW MATERIAL CO., LTD.
DOCUMENT ID	FRPH-TDS-UD200-SUPPLY-EN-R01
PRODUCT CODE	FRPH-UD200-SUPPLY / SOURCE RECORD TCU20
ISSUE	REVISION 01 27 JULY 2026

200gsm UD Carbon Fiber Strengthening Fabric

Legacy source-record supply reference for civil strengthening review

A 200 g/m2 unidirectional carbon fiber fabric supply reference for directional civil-strengthening review. The archived source identifies the dry fabric form and nominal construction only. Project design, resin compatibility, installation and final order values require separate confirmation.

DIRECTION 0 degree UD	WEIGHT 200 g/m2	THICKNESS 0.111 mm nominal	COLOR Black
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SOURCE-RECORD PRODUCT DATA

Property	Source value	Quotation / engineering status
Source record	TCU20	Legacy product identity; confirm current order code
Product form	Dry unidirectional carbon fiber fabric	Strengthening-system component, not a cured laminate
Primary fiber direction	0 degree unidirectional	Final orientation follows the approved design
Areal weight	200 g/m2	Confirm tolerance, roll and batch documentation
Nominal fiber thickness	0.111 mm	Dry-fiber reference, not cured-system thickness
Color	Black	Visual source reference
Width and roll length	Not stated in source record	Required in RFQ and order specification
Fiber grade and sizing	Not confirmed in visible source record	Require matching supplier and order documentation
Mechanical properties	Not published in this reference	Legacy values contained unreadable characters and lacked a complete test basis

TYPICAL APPLICATIONS

Externally bonded civil strengthening subject to engineering design • Directional surface reinforcement • Concrete beam, slab, wall or column systems subject to project review • Composite repair where the selected resin and construction are validated

HANDLING AND QUOTATION NOTES

- A qualified engineer must define the substrate, load direction, reinforcement layout, overlap, anchorage and installation controls.
- Confirm width, roll length, fiber grade, sizing, compatible saturating resin, quantity, destination and final application before quotation.
- Do not use the nominal dry-fiber thickness as cured-system thickness or as a project design allowable.
- Request the final order specification and required batch documents before approval and installation.

Data basis: Prepared from the archived two-page TCU20 structural-strengthening fabric record. Only clearly readable product fields were retained. Legacy approval language, shelf-life claims, damaged mechanical-property numerals and application assertions were excluded. This document does not establish FRP HOME manufacture, current stock, certification or project approval.

The values in this sheet are typical or nominal reference values, not a batch certificate or finished-laminate design allowables. Final specification, tolerances, test methods, resin compatibility, compliance review and COA requirements must be confirmed in the quotation and order documents.