FRP ROOFING SYSTEM

Roof Cladding



PT TEKNIK BUDI PERKASA

THE BEST PARTNER



About

PT Teknik Budi Perkasa

PT Teknik Budi Perkasa has been 11 years of shaping the future with innovative FRP (Fiberglass Reinforced Polymer) solutions. Since 2015, we've been a trusted partner, providing high-quality FRP products and exceptional customer service across various industries.

We produce any products within our scope made from FRP material. This refers to the advantages of FRP material, namely high strength, corrosion resistance, and chemical resistance. With these advantages, FRP products are suitable for use in various industries, even in environments with very high hazardous levels.

400+
Success Project

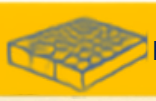
130+
Happy Customer

15+
Years of Experience

20+
Cities Served

WHY CHOOSE FRP ?

FRP (Fiberglass Reinforced Polymer) composite delivers superior performance in the most demanding environments. See how it outperforms conventional steel across key operational factors.

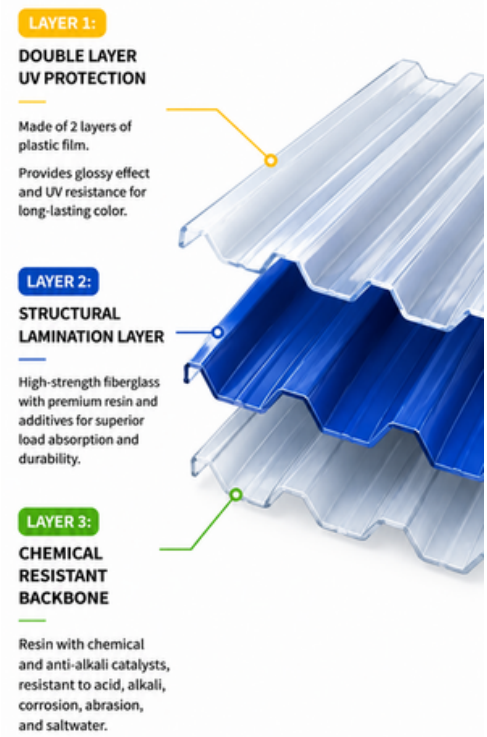
	 CONVENTIONAL STEEL	 FRP COMPOSITE
CORROSION RESISTANCE	Prone to rust and corrosion. Requires coating and protection.	Excellent corrosion resistance. Ideal for harsh environments.
WEIGHT	Heavy and difficult to handle.	Lightweight. Easy to transport and install.
MAINTENANCE	High maintenance. Requires regular inspection and repainting.	Low maintenance. No painting, minimal inspection required.
ELECTRICAL CONDUCTIVITY	Conductive. Requires insulation.	Non-conductive. Inherently electrically insulating.
CHEMICAL RESISTANCE	Susceptible to many chemicals.	High chemical resistance. Suitable for aggressive media.
SERVICE LIFE	Shorter service life. Degrades over time.	Long service life. Built to last for decades.

PT TEKNIK BUDI PERKASA
THE BEST PARTNER

01

ROOF & CLADDING

- Corrosion & Chemical Resistant
- High Strength
- Lightweight
- Non Conductive
- UV Protection
- Fire Retardant
- Optimal Light Transmission
- Low Maintenance
- Long Lifespan



DROF

FRP Roof and FRP Cladding

DROF is a premium FRP (Fiberglass Reinforced Plastic) roofing and cladding solution offering excellent corrosion resistance, lightweight strength, superior daylight transmission, and long-lasting durability. Ideal for industrial facilities, warehouses, factories, and chemically aggressive environments.

Available in Clear, Blue, Green, White Gelcoat, and Grey Gelcoat finishes.

Characteristics	Value
Densitas (as per ASTM D792)	1350 - 1900 kg/m³
Tensil Strength (as per ASTM D638)	60 - 100 MPa
Modulus of Elasticity (as per ASTM D638)	3000 - 6000 MPa
Shear Stregth (as per ASTM D732)	10 - 35 Mpa
Horizontal Flammability (as per UL94 / ASTM D635)	≤ 50 mm/min
Normal Services Termperature Up To	65°C
Barcol Hardness	≥ 50

Applications



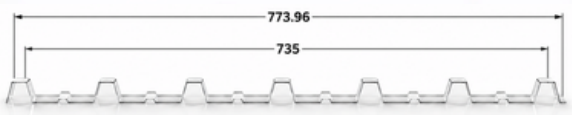
FRP ROOF & CLADDING

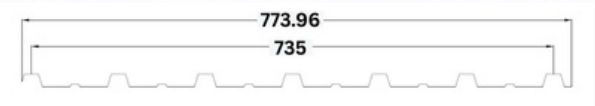
Available Type

FRP Roofing System designed as a lightweight, corrosion-resistant roofing solution with excellent durability in industrial environments. Available in various types and profiles that can be selected according to specific project requirements. Suitable for various applications, including factories, warehouses, and commercial buildings.

01 DROF F.735

Compatible with Fumira-735

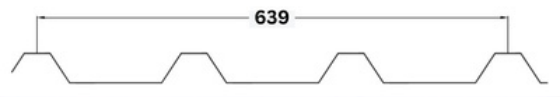




02 DROF ADH.700

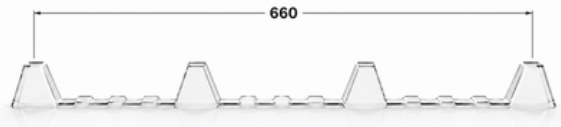
Compatible with ADH-700

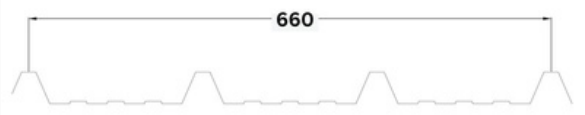




03 DROF UCP

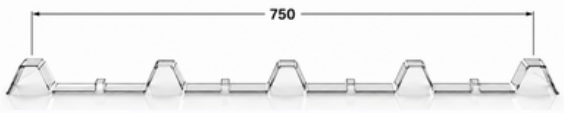
Compatible with Union Clip Panel

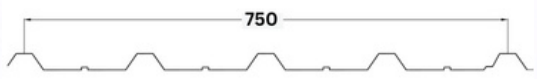




04 DROF GG.750

Compatible with Fumira GG-750





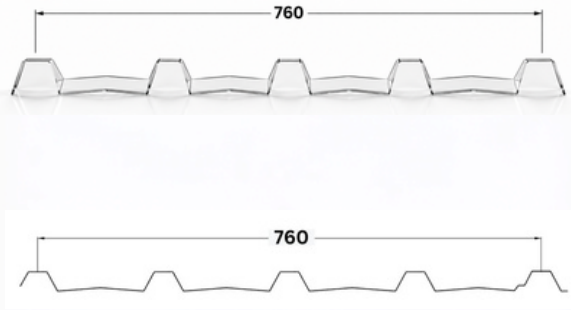
Available in 5 colors :
Clear, Blue, Green, White Gelcoat, Grey Gelcoat.

FRP ROOF & CLADDING

Available Type

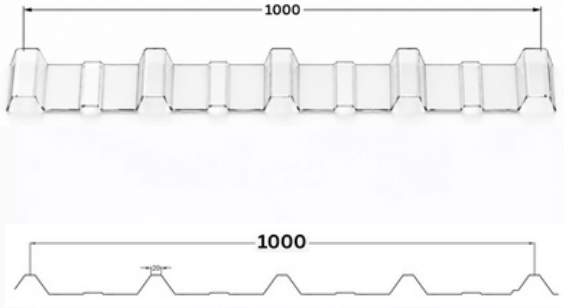
05 DROF T.760

Compatible with Trimdeck-760



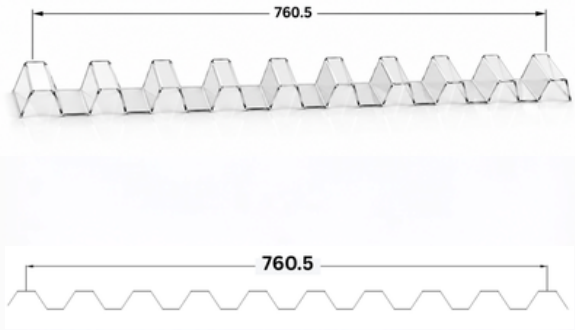
06 DROF SR.1000-1

Compatible with Single Rib 1000-1



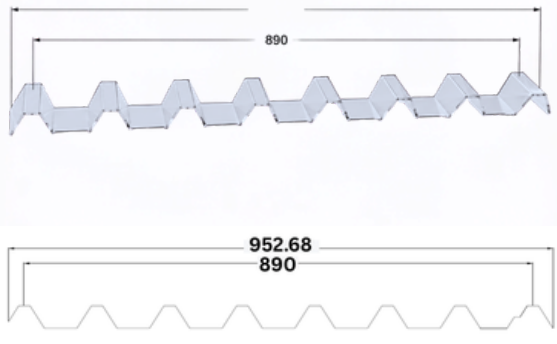
07 DROF SD.760

Compatible with SD-760



08 DROF LT.7.890

Compatible with LT-7.890



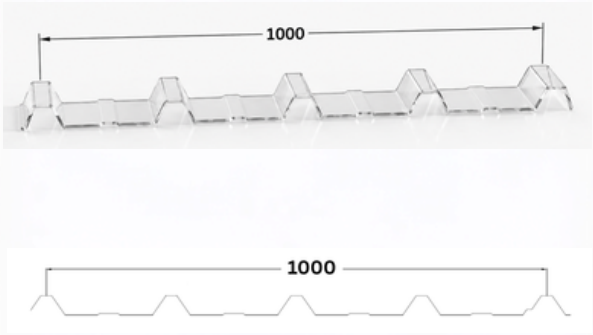
Available in 5 colors :
Clear, Blue, Green, White Gelcoat, Grey Gelcoat.

FRP ROOF & CLADDING

Available Type

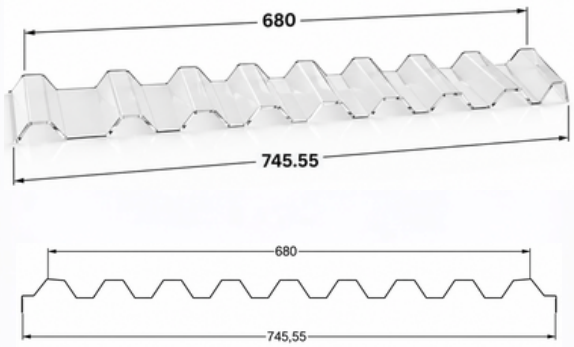
09 DROF SR.1000-2

Compatible with Single Rib 1000-2



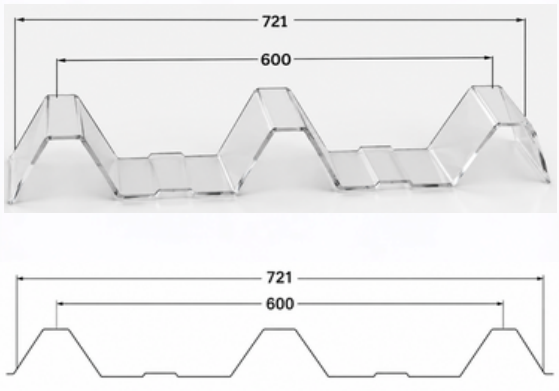
10 DROF FG.680

Compatible with Fumira G-680



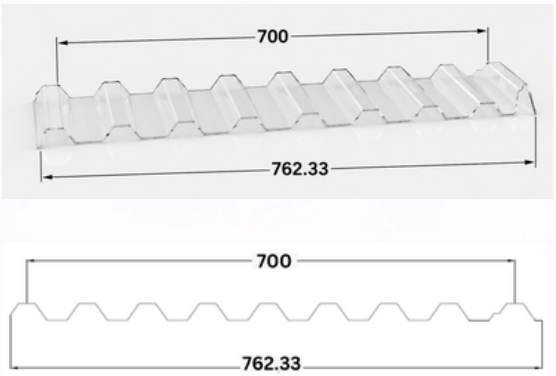
11 DROF F BL.600

Compatible with Fumira BL-600



12 D-ROF S.700

Compatible with Spandek-700



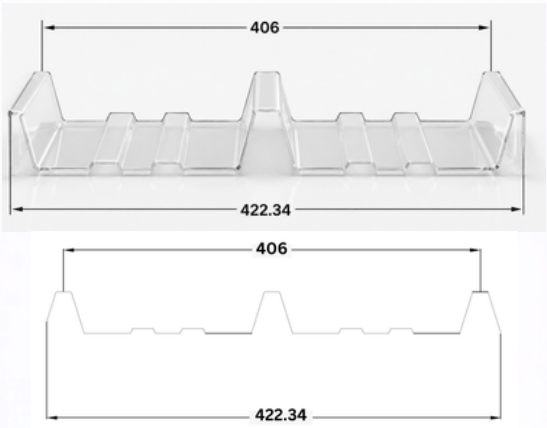
Available in 5 colors :
Clear, Blue, Green, White Gelcoat, Grey Gelcoat.

FRP ROOF & CLADDING

Available Type

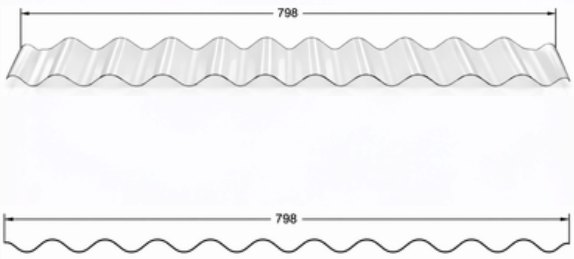
13 D-ROF K.406

Compatible with Kliplock-406



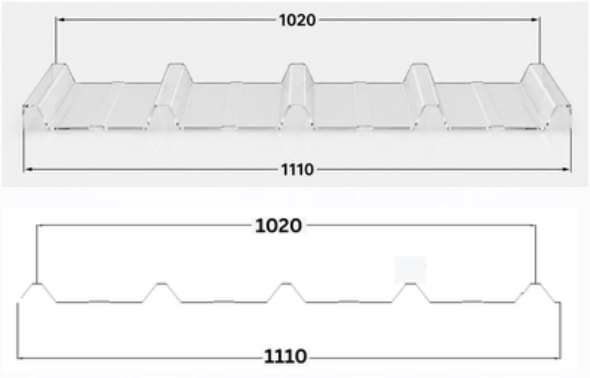
14 D-ROF F C.710

Compatible with Fumira-C-710



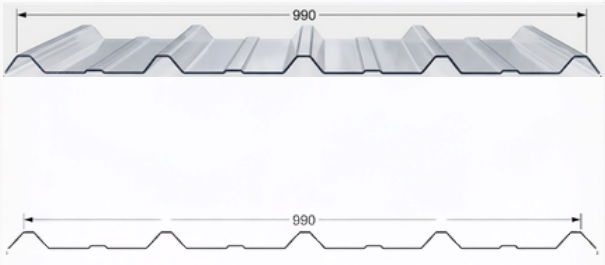
15 D-ROF SR.1020

Compatible with Single Rib-1020



16 D-ROF SR.990

Compatible with Single Rib 990



Available in 5 colors :
Clear, Blue, Green, White Gelcoat, Grey Gelcoat.

PRODUCTION PROCESS

ROOF GELCOAT

01 STEP 1



First Resin Pouring

Resin is evenly poured as the initial layer to form the base of the FRP Roof.

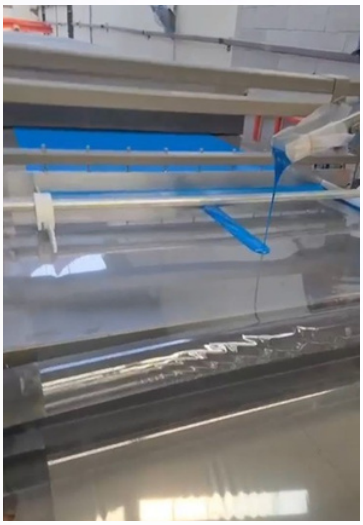
02 STEP 2



Roving Application

Fiberglass roving is evenly distributed over the resin layer to provide structural reinforcement.

03 STEP 3



Gelcoat Resin Pouring

Gelcoat resin is poured and evenly spread to create a smooth, durable, and protective surface.

04 STEP 4



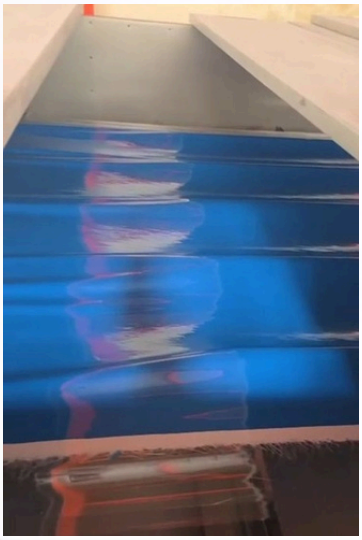
Two-Layer Bonding

The two layers are combined and pressed together to ensure proper bonding and consistent thickness.

PRODUCTION PROCESS

ROOF GELCOAT

05 STEP 5



Profile Forming

The bonded material is shaped using a forming machine according to the required roof profile.

06 STEP 6



Cooling Process

The formed FRP Roof is cooled until the material hardens and the profile becomes stable.

07 STEP 7



Cutting Process

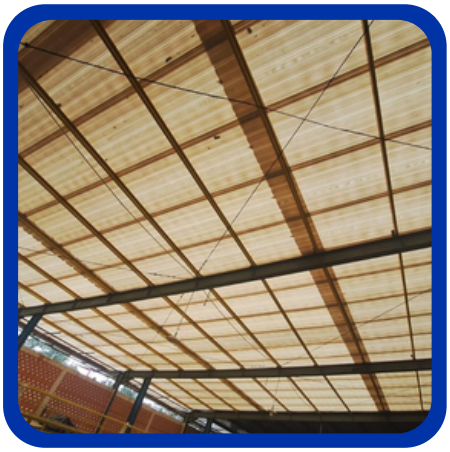
The finished FRP Roof is cut to the required length and size.

Our machine speed is **4 meters per minute.**

FRP Roof

Application Reference











Certified Credentials
and Quality Standards


Certificate of Registration
(Quality Management System)
QFS MANAGEMENT SYSTEMS LLP
This is to Certify that the Quality Management System of
PT. TEKNIK BUDI PERKASA
Has been found to be of the Quality Management System Standard
ISO 9001:2015
This certificate is valid for the following product or service range
QFS MANAGEMENT SYSTEMS LLP
Accredited by Standards Council of Canada


CERTIFICATE
This is to Certify that the Environmental Management System of
PT. TEKNIK BUDI PERKASA
has been audited and found to comply with the requirements of:
ISO 14001:2015
Environmental Management System
For the scope of activities described below:
Hawk Eye Certifications Private Limited
CERTIFICAT-CERTIFICATE-СЕРТИФИКАТ-CERTIFICATO-SERTIFIKAT


Certificate of Registration
(Occupational Health & Safety Management System)
QFS MANAGEMENT SYSTEMS LLP
This is to Certify that the Occupational Health & Safety Management System of
PT. TEKNIK BUDI PERKASA
ISO 45001:2018
This certificate is valid for the following product or service range
QFS MANAGEMENT SYSTEMS LLP
Accredited by Standards Council of Canada


F7156086
SERTIFIKAT KOMPETENSI
CERTIFICATE OF COMPETENCE
ABDUL MALIK, ST
Jasa Konstruksi
Construction Services
Ahli Madya Bidang Keahlian Teknik Mekanikal
Middle expert in Mechanical Engineering


F7080342
SERTIFIKAT KOMPETENSI
CERTIFICATE OF COMPETENCE
DESWAN
Jasa Konstruksi
Construction Services
Ahli Madya Bidang Keahlian Teknik Mekanikal
Middle expert in Mechanical Engineering


F7080772
SERTIFIKAT KOMPETENSI
CERTIFICATE OF COMPETENCE
DWILITA PUTRI IRAWAN
Jasa Konstruksi
Construction Services
Ahli Muda Teknik Bangunan Gedung
Young Building Engineering Expert


KEMENTERIAN KETENAGAKERJAAN REPUBLIK INDONESIA
DIREKTORAT JENDERAL PEMBINAAN PENGAWASAN KETENAGAKERJAAN DAN KESELAMATAN DAN KESEHATAN KERJA
Sertifikat
PEMBINAAN TEKNIK KESELAMATAN DAN KESEHATAN KERJA
BIDANG PESAWAT UAP DAN BEJANA TEKANAN


KEMENTERIAN KETENAGAKERJAAN REPUBLIK INDONESIA
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PEMBINAAN TEKNIK KESELAMATAN DAN KESEHATAN KERJA (K3)
BEKERJA PADA KETINGGIAN


KEMENTERIAN KETENAGAKERJAAN REPUBLIK INDONESIA
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Sertifikat
PEMBINAAN TEKNIK KESELAMATAN DAN KESEHATAN KERJA (K3)
BEKERJA PADA KETINGGIAN

TKDN TINGKAT KOMPONEN DALAM NEGERI
Kementerian Perindustrian REPUBLIK INDONESIA
BRIN BADAN RISET DAN INOVASI NASIONAL
ACMA American Composites Manufacturers Association
ASTM INTERNATIONAL
International Organization for Standardization ISO 9001
UL

Lasting Performance

PT Teknik Budi Perkasa is committed to delivering high-quality FRP Roof and Cladding that ensure safety, durability, and efficiency for every industrial application.

Let's Build Together

Partner with us for reliable products, trusted service, and long-term success.

Contact Us

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Jl. Raya Salembaran, Cengklong
Kosambi – Dadap
Tangerang – 15212

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Kali Rungkut, Kec. Rungkut,
Surabaya, Jawa Timur 60293

Plant I
Pergudangan 99 Blok S 6
Jl. Raya Salembaran, Cengklong
Kosambi – Dadap
Tangerang – 15212

Plant II
Pergudangan 99 Blok T 1A & T 1B
Jl. Raya Salembaran, Cengklong
Kosambi – Dadap
Tangerang – 15212

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Email : **marketing@teknikbudiperkasa.com**

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