

# FRP GRATING

**FIBRO PLASTICHEM INDIA PVT LTD  
DANKUNI, HOOGHLY  
WEST BENGAL**

**Website-[www.fibroplastichem.com](http://www.fibroplastichem.com)**

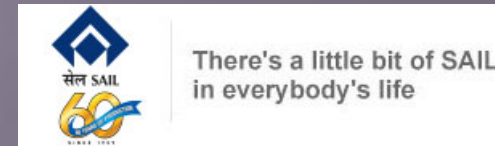
# Company Introduction

An ISO 9001:2008 Company - Registered with DNV Certification B.V.

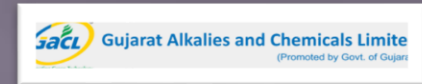
## Highlights of Our Company

- ▣ Functioning since 1972
- ▣ ISO 9001- 2008 company certified by DNV
- ▣ National award received from President of India for as a manufacturer of Quality Products.
- ▣ Received 1<sup>st</sup> Prize in MSME categories by BCC&I Kolkata for the year 2016.
- ▣ Pioneer in Design, Fabrication of FRP Cable tray, Handrail, Platform ,Cross Over, Structural Profiles , Gratings for Walkway, Trench cover, Stair Thread, Platform , Rooftop walkway etc.
- ▣ Pioneer in Design , Fabrication, Erection, Commissioning of FRP,PVC- FRP, PP-FRP, CPVC-FRP & PVDF-FRP Equipments & Pipes.
- ▣ Undertaking Project jobs for Chemical Process Equipment such as Storage Tanks, Process Tanks, Scrubbers, Absorbers, Chlorine Drying Towers, Mist Separators, Ducting, Hoods, Stacks, Piping from 20 mm to 4000 mm Dia etc. in M.O.C. as mentioned in point 4.
- ▣ Manufacturer of SMC / DMC products For Railways, Defence items, and Electrical & Non Electrical Items.
- ▣ Carrying out Acid proof Brick Lining, FRP Lining, Screeding, Epoxy Lining, and Static Lining on MS/RCC surfaces.

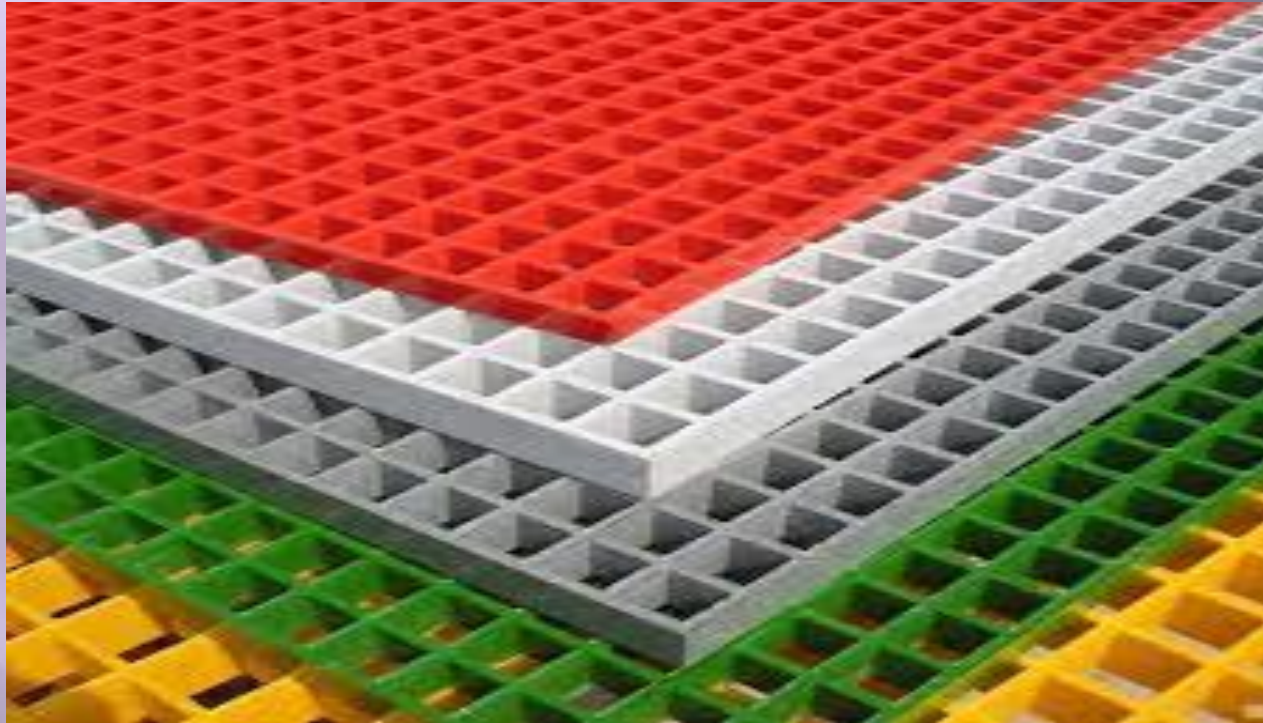
# OUR CUSTOMERS



Paradeep Phosphates Limited



# FRP MOLDED GRATING



# Specification

Product Code	Height (mm)	Mesh Size (mm)	Rib Thickness (mm)	Open Area (%)	Sheet Size (mm)
FIBROGRT25X(38X38)	25	38 X 38	6/5	69%	3660 X 1220
FIBROGRT30X(38X38)	30	38 X 38	6.35/5	69%	3660 X 1220
FIBROGRT35X(38X38)	35	38 X 38	6.75/5	69%	3660 X 1220
FIBROGRT38X(38X38)	38	38 X 38	7/5	68%	3660 X 1220

# Benefits of FRP Grating

- ▣ Corrosion resistance
- ▣ Easy to fabricate
- ▣ Good impact resistance
- ▣ Low in maintenance
- ▣ Non conductive
- ▣ Fire retardant if required
- ▣ Cost effective
- ▣ Easy to install
- ▣ Uniform in appearance

# Comparison with Conventional Material

PARAMETERS	FIBRO FRP GRATING	HOT DIP GI	SS
CORROSION RESISTIVITY	Very high	Moderate	High
ELECTRICAL CONDUCTIVITY	Low	High	High
LIFE SPAN	High	Moderate	High
STRENGTH TO WEIGHT RATIO	High	Low	Low
LIFE CYCLE COST	Low	High	High
CHEMICAL RESISTIVITY	High	High	Moderate
EMI / RFI TRANSPARENCY	High	Nil	Nil
INSTALLATION COST	Low	Moderate	Moderate
HANDLING	Very Easy	Difficult	Difficult
ANTI SKID	Available	NA	NA
COLOUR RANGE	Available	NA	NA

# FRP Grating application area

- ▣ Trench Cover
- ▣ Platforms
- ▣ Stair Treads
- ▣ Walkways/Walk Paths
- ▣ Cooling Tower Area
- ▣ WTP Area
- ▣ Rooftop Walkways etc



# INDUSTRIES WE SERVE

- ▣ Refineries
- ▣ Chemical Industry
- ▣ Power Plants
- ▣ Oil & Gas Industry
- ▣ Solar Industry
- ▣ Construction Industry
- ▣ Marine & Shipping
- ▣ Offshore Platforms
- ▣ Cooling Towers
- ▣ Effluent Treatment Plants
- ▣ Architectural Industry

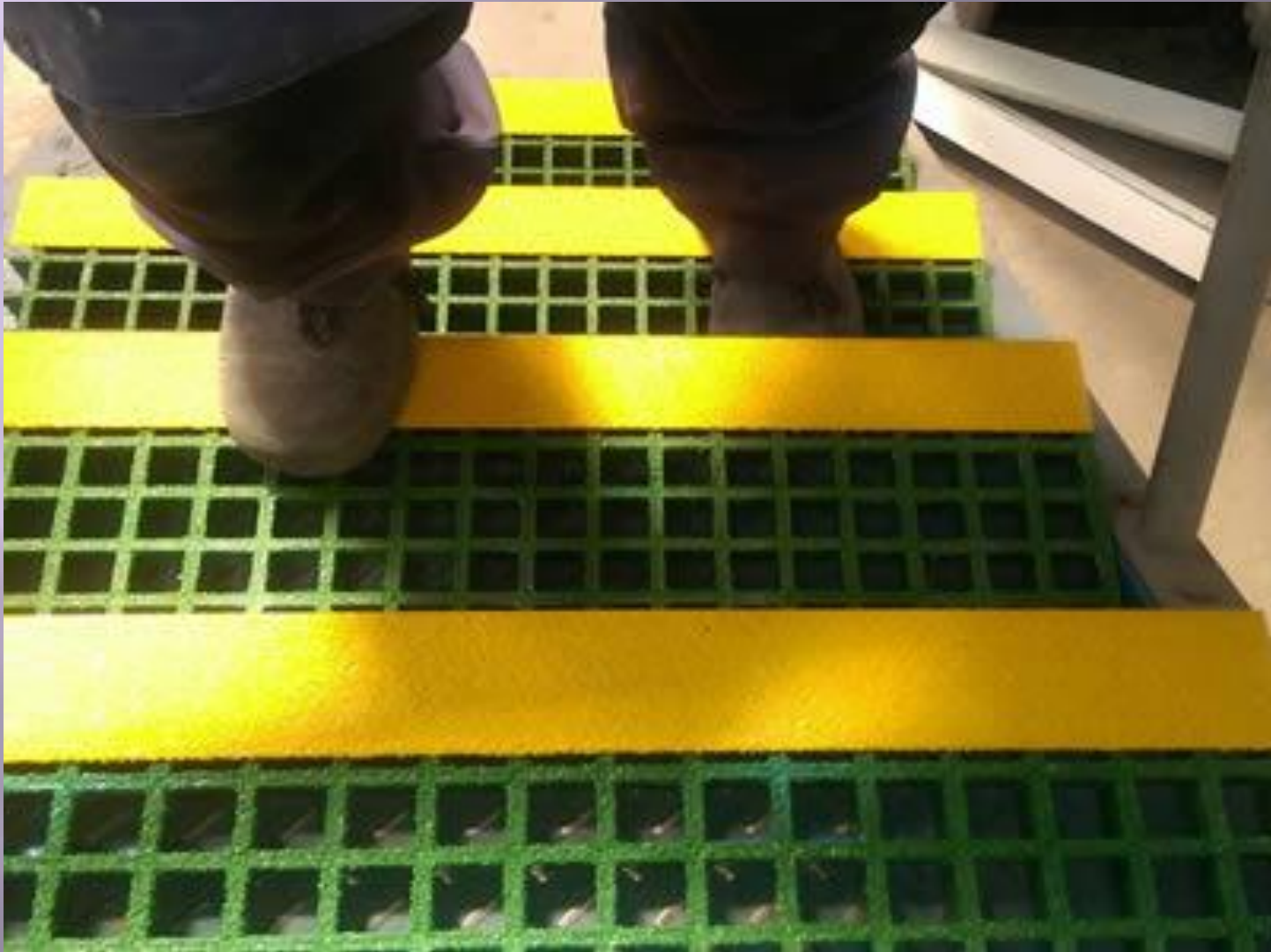
# FRP GRATING PLATFORM



# FRP GRATING ON SEASHORE WALKWAY



# STAIR TREAD GRATING



# FRP TRENCH GRATING



# GRATING INSIDE COOLING TOWER



# GRATING IN WTP



# ROOFTOP WALKWAY





# FRP Handrail at Andaman and Nicobar Islands, Year-2020



# FRP Handrail at Pepsico, Kolkata Year-2019



# FRP Handrail at Pepsico, Kolkata Year-2019



# Handrail at TSL , Jamshedpur Year-2021



# Handrail at TSL , Jamshedpur Year-2021

