



StrongLite
COMPOSITES

world class cooling towers

Water is our world - Cooling is our concern.



**MIHIR COOLING TOWERS -
POWER OF COOLING, TOWER OF PERFORMANCE.**



From the top, you
can see farther.



Mihir - Tomorrow is Today.

Being the leader in cooling tower manufacturing in India, Mihir has always looked to the needs of the tomorrow. Mihir has set milestones time-to-time for others to follow. Mihir has always been innovative and has kept adding new models precisely suitable for the need of the industry.

Mihir delivers totality in respect of economy, performance, durability, aesthetic look, dependability and of course relationship.

At Mihir, we believe, we win - when our customer wins. That is all what we mean by looking farther.

45 years of experience

Established in 1976, Mihir Engineers has continuously demonstrated its leadership through unparalleled expertise to create milestones in user industries.

First Time in India

Mihir Engineers was the first company in India to develop and manufacture FRP cooling towers against the conventional wooden towers. This pioneering and eco-friendly concept was widely accepted by user industries making wooden towers a history today. The concept was followed by other cooling tower manufacturers in India soon.

A new client - every week

3500+ high value clientele earned in 40 years - true testimonial of winning trust of user industries. Our client list includes small to major players in all segments, spread over the nation and the globe.

International Technology

Rectangular shaped counterflow type CM series is the result of Mihir's collaboration with world leader in the field GEA Polacel of The Netherlands, in 1992.

35000+ Towers Installation

To-date Mihir has installed and commissioned over 35000 towers in the country and abroad for various cooling applications in the process industries, powerplants etc.

Application Industries

- Process Industries
- Thermal Power Plants
- Atomic Power Plants
- Cement Plants
- Paper Industries
- Fertilizers
- Pharmaceuticals Industries
- Government Projects
- Plastic Industries
- Textile Mills
- Steel Plants
- Sugar Plants
- Chemical Industries
- Hotels
- Banks
- Hospitals
- Theaters
- Airports
- Railways
- Telephone Exchanges
- Malls and multiplexes
- and many more...



Leadership since 1976



Performance improvement



Helping earth stay cool.



Customer in focus.



Global integration

FRP-RCC COOLING TOWERS

EXTREMELY WIDE RANGE TO SUIT EACH-AND-EVERY APPLICATION.



HIGH PERFORMANCE FRP-RCC COOLING TOWERS



*Visible performance
is only a part of
whole system
performance.*

Member



Pioneer in
FRP Cooling
Towers

pmseries

Our state-of-the-Art range of complete FRP Counterflow type PM Series Pultruded Cooling Towers are continuously creating Industry Benchmarks.

Our pultruded structure is manufactured at our own state of the art in house pultrusion manufacturing facility, making us the only cooling tower manufacturer in India to have such capabilities. This gives us complete control over design, manufacturing and quality control for these components. As a result we are also the only company in India who can offer pultruded FRP Cooling Towers for all sizes and applications very economically. All our pultruded profiles are tested and certified by the prestigious Indian Institute of Technology, Madras. These cooling towers would offer our customers great advantages, especially for highly corrosive applications where customers today have to opt for either RCC Cooling Towers or Cooling Towers with stainless steel structure. In comparison to these, pultruded FRP cooling towers would offer greater execution speed than the RCC Cooling Towers and would also be economical than stainless steel structures.

Design Advantage

- FRP structural products are corrosion resistant to a broad range of chemicals.
- Pultruded Structures are not only light in weight but also have long life and high strength.
- Construction and Installation time very less compared to RCC Cooling Tower.

Salient Features

- Structural Supports are of Pultruded FRP
- Hardware are of MSHDG which withstands corrosion, however Stainless Steel can also be provided.
- Casing is continuous formed, giving a smooth finish on both the sides.
- Induced-draft counterflow
- Specially designed for Highly Corrosive Applications
- Aerofoil shape energy efficient hollow FRP Fan Blades
- Low operating weight
- Minimum site activities
- Faster execution

*Cooling up to
4000 m³/hr/cell*

Counterflow Type



Counterflow Type

pmseries



rcmseries

Counterflow Type



rcmseries

Design Advantage

- Motor and Gearbox are directly coupled on a common mounting frame supported on a center RCC column thereby avoiding any vibrations commonly caused by misalignment of transmission shaft between motor and gearbox.
- This unique concept of center RCC column allows Casing and FRP fan section to be kept independent of rotating parts like gearbox, motor and fan.

Cost Advantage

The operating costs of these towers are comparatively low as the power consumption is reduced by providing extra quantity of fills which increases the wetted surface area. Fan Stack could be made in FRP to reduce onsite RCC activity and increase work productivity and faster execution.

Salient Features

- ♦ Hurricane and Cyclone resistant by virtue of mass which increases the life of the tower.
- ♦ RCC being a natural material defies the detrimental effects of heat and ultra violet rays making it immune to rot and decay.
- ♦ Fan Stack/Section can be supplied in FRP.
- ♦ Entire load of PVC fills rests on RCC structure.
- ♦ For contaminated water and water with suspended particles different types of fills media can be used.
- ♦ Motor : 1500 RPM, 415V TEFC, IP65 Weather proof, horizontally foot mounted.
Make : Siemens /Crompton/ equivalent
- ♦ Fan : Axial flow fan with FRP blades and dynamically/ statically balanced, hub rotating below 288 RPM.

Counterflow Type

Cooling up to
 $4000 \text{ m}^3/\text{hr}/\text{cell}$



fmseries

- Precisely designed for optimum performance
- Best Cost/Quality Ratio
- Backed by 45 years' experience

Special Features

- ♦ Induced-draft counter flow
- ♦ Highly efficient honeycomb PVC fill
- ♦ Self supporting design in FRP material
- ♦ Minimum usage of MSHDG components
- ♦ Aerofoil shape energy efficient hollow FRP Fan Blades
- ♦ Low operating weight

Special Features

- Unique single piece factory assembled tower
- Minimum site work
- Ideal for small applications below 150 TR
- Fill material of PVC (max. temp. 50 Degree C).
- High efficient axial Fan with FRP blades and cast aluminum alloy hub.
- Drift eliminators of PVC (drift percentage shall not exceed 0.05 of circulating water flow).
- Water distribution system with GI/PVC pipe and PP nozzles.



smseries

Counterflow Type



0 TR to 600 TR in Single Cell



Counterflow Type



Selection of Materials

The selection of materials for the Mihir SM series cooling towers is based on the requirement that they must be completely resistant to corrosion and chemicals. This has been achieved through the exclusive use of PVC, Polypropylene, fibreglass reinforced polyester (FRP) and hot dipped galvanised steel for supports.

frmseries

Counterflow Type



Cooling up to $2000 \text{ m}^3/\text{hr}/\text{cell}$

In 2002, Mihir introduced a new design combining FRP with RCC Cooling Towers for capacity up to 3000 CMH per cell. With more than 1000 towers installed with this design has been a huge success in Process Industries and Captive Power Plants with capacity ranging from 2 M.W. to 20 M.W. In this series, Basin and Air entry portion are in RCC.

XE Series (Crossflow type)

The Mihir Polacel XE cooling tower operates according to the crossflow principle. The hot water to be cooled is fed into a closed FRP distribution pan, having holes in the bottom to equally distribute water over the cooling tower PVC fill. By evaporation and direct contact the water transfers heat to the air which is sucked in by an axial fan. The cold water is collected in a FRP basin at the bottom of the tower for recirculation.



Special Features

Low Noise Level : The axial fans on the XE cooling towers provide, in combination with direct driving system and the low pressure drop of the fill, a low noise level.

Low Energy Consumption : The gravity water distribution system saves pumps energy.

Factory assembled : Avoids assembly at site.

Easy to transport in a standard container : A special feature of the XE series towers is the size. They are designed to fit the size of the containers for transport. This saves costs of seaworthy packing for export.

xeseries

Crossflow Type

cmseries

SINCE 1976
Mihir
45 YEARS OF EXCELLENCE

Special Features :

- Casing, Basin, Fan deck and Fan stock in corrosion resistant and fire-retardant FRP
- Hot dip galvanized supporting structure
- Fill material of PVC (max. temp. 50°C)
- High efficient axial fan with FRP blades and cast aluminum alloy hub
- Draft eliminator of PVC (drift percentage shall not exceed 0.05 of circulating water flow)
- Water distribution system with GI/PVC pipe and PP nozzles

Cooling up to $2000 \text{ m}^3/\text{hr}/\text{cell}$

Counterflow Type

rbseries

Round Bottle Shape

Pioneer in Round Bottle Shape Design



IN 1976 MIHIR ENGINEERS gave India it's First Round Bottle Shaped Counter Flow FRP Cooling Tower -RB Series

Special Features :

• Casing and Basin in corrosion resistant and fire-retardant FRP
• Direct driven Axial fan • Induced-draft counterflow • Highly efficient honeycomb PVC fill • Hot dip galvanized supporting structure • Specially designed in Round Shape for high wind velocity installations • Aerofoil shape energy efficient hollow FRP fan blades.

10 TR to 450 TR per cell



Crossflow Type

advantage technology

Counterflow Type

Larger footprint

High Capex

High Opex

1. Principle : The air flows horizontally and the water falling downwards meets the air at different temperatures. Therefore the heat transfer is not always optimized.

2. Area : The area required is larger due to its constructional features like larger plenum chamber. Also the arrangement and material of the pack is different and requires a higher area.

3. Structural Framework : In cross flow design, the base is lesser than the top dimension and the top is heavily loaded with water distribution arrangement and base frame for gear box & motor, which creates major instability of structural framework and results into collapsing of the whole Cooling Tower.

4. Air Flow : Since the air-water contact time is lesser, more air is required to effect heat transfer.

5. Distribution System : The distribution is done through open trough systems on the fan deck, fitted with nozzles. Distribution may not be as uniform as the counter flow type and is easily attacked by algae and foreign particles causing problems like scaling and clogging of openings.

6. Recirculation : Since the air intake area extends from the bottom to the deck level, the fume discharge is very close to the air intake area at the top. This creates the effect of recirculation wherein the discharged air re-enters the tower through the air intake at the top. This creates a significant reduction in performance.

7. Power Consumption and Pumping Head : The fan power consumption is higher as the air flow required is higher. The pumping head is also higher since the distribution is located at the fan deck level.

8. Maintenance : Maintenance for cross flow towers is time consuming and usually requires more skilled technicians on the job as the movement of material is more difficult.

Less cooling with more air

More space required

Unstable structure

Lesser air-water contact time

Not uniform & efficient distribution

Air recirculation is the problem

Higher power consumption

Time consuming maintenance

More cooling with less air

20%-30% less space required

Sturdy and stable structure

More air-water contact time

Uniform & efficient distribution

No chance of air recirculation

Lower power consumption

Easy & quick maintenance

1. **Principle Advantage** : The air flows vertically upwards, counter current with the hot water falling downwards. The coolest water comes in contact with the coolest and most dry air, optimizing the heat transfer and obtaining the maximum performance.

2. **Area Advantage** : The tower area required is comparatively much smaller. 30% more capacity tower can be installed. The air water contact is more due to the efficiency and arrangement of the fill pack. The plenum chamber area for hot air is smaller.

3. **Structural Framework Advantage** : In counter flow design, the complete structure is straight vertical and of the same size in the base and top, which gives very good structural stability. No chance of collapsing.

4. **Air Flow Advantage** : Since the air-water contact time is higher, the quantity of air required is lesser.

5. **Distribution System Advantage** : The distribution is done through lateral pipes, fitted with the splash cum spray nozzles. Growth of algae is highly restricted as the lateral pipes are a closed unit and not located in direct sunlight.

6. **Recirculation Advantage** : The problem of recirculation is completely eliminated as the air intake is at the bottom of the tower and the discharge is at much higher level. Further, the side walls of the tower are closed till the top of the air intake area.

7. **Power Consumption and Pumping Head Advantage** : The fan power consumption is low as the required air quantity is comparatively lesser.

8. **Maintenance Advantage** : Maintenance for counter flow towers is much easier than cross flow towers. The simplicity of structure and comfortable sizing allow for quick and exhaustive maintenance.

Smaller footprint

Low Capex

Low Opex

Good is not good, when better is expected.

Capital recovery within 4 to 5 years : Saves 20% to 30% operational cost per year

conversion of economy

*crossflow to counterflow
conversion executed*

1,00,000⁺ cmh

Crossflow / Counterflow / Conversion

very few of thousands of clients

Air India • Alfa Laval (India) Ltd. • Alok Industries Ltd. • Apollo Hospitals Enterprises Ltd. • Arvind Ltd. • Ashok Leyland Ltd. • Asian Paints (India) Ltd. • Atul Products Ltd. • Balrampur Chini Mills Ltd. • Baramati Agro Ltd. • Bhabha Atomic Research Center • Bharat Electronics Ltd. • Bharat Heavy Electrical Ltd. • Bhilai Steel plant • Bhilosa Industries Pvt. Ltd. • Bhushan Power & Steel Ltd. • Cadila Pharmaceuticals Pvt. Ltd. • Ceat Ltd. • Cera Sanitaryware Ltd. • Chiripal Industries Ltd. • Cipla Ltd. • Dabur India Ltd. • Dalmia Cement (Bharat) Ltd. • DCM Shriram Industries Ltd. • Deepak Fertilisers & Petrochemicals Corporation Ltd. • Dhampur Sugar Mills Ltd. • Dr. Reddy's Laboratories Ltd. • EID Parry (India) Ltd. • Eicher Tractors Ltd. • Electrotherm (India) Ltd. • Ester Industries Ltd. • Flex Industries Ltd. • Gail (India) Ltd. • Garden Silk Mills Ltd. • GEA Process Engineering (India) Ltd. • Godrej Industries Ltd. • Gujarat Ambuja Cement Ltd. • Gujarat Ambuja Exports Ltd. • Gujarat State Fertilisers & Chemical Ltd. • Gulf Metal Foundry LLC • Haldiram Snacks Ltd. • Hero Honda Motors Ltd. • Hindustan Aeronautics Ltd. • Hindustan Lever Ltd. • Hindustan Petroleum Corp. Ltd. • Hindustan Zinc Ltd. • HVAC Engg. & Contractors Ltd. • IDMC Ltd. • Indian Oil Corp. Ltd. • Indorama Industries Ltd. • Ingersoll-Rand India Ltd. • Isgec Heavy Engineers Ltd. • ISRO Satellite Center • J. B. Chemicals & Pharma. Ltd. • Jain Irrigation Systems Ltd. • Jindal Poly Films Ltd.

*Crossflow Tower replaced
by Counterflow Tower*



1
Original Crossflow Tower



2
Breaking Crossflow Tower



3
Breaking Crossflow Tower



4
Making of new Counterflow Tower



5
New Counterflow Tower

We convert Crossflow to Counterflow towers for several clients every winter to maximize performance.

making good better

LG Electronics India Pvt. Ltd. • L & T Ltd. • Laxmi Organic Industries Ltd. • Lubi Electricals Ltd. • Lupin Chemicals Ltd. • Meghmani Industries Ltd. • Mother Dairy • MRF Ltd. • Nirani Sugar Ltd. • Nirma Ltd. • Oil & Natural Gas Corp. Ltd. • Orchid Pharma Ltd. • Orissa Alloy Steel Pvt. Ltd. • P. I. Industries Ltd. • Parle Beverages Ltd. • Parle Products Pvt. Ltd. • Pearl Polymers Ltd. • Pepsico India Holdings Pvt. Ltd. • Praj Industries Ltd. • Pranam HVAC Engg. Pvt. Ltd. • Rajshree Polyfil Ltd. • Rallis India Ltd. • Raymond Ltd. • Relaxo Footwears Ltd. • Reliance Industries Ltd. • Rohan Dyes & Intermediates Ltd. • S. S. Engineers • Sandvik Asia Ltd. • Sanghi Ind. Ltd. (Cement Div.) • Sayaji Hotel Ltd. • SEL Manufacturing Co. Ltd. • SRF Ltd. • Subhalakshmi Polyesters Ltd. • Sun Pharma. & Ind. Ltd. • Suvidha Engrs. India Pvt. Ltd. • Sugog Life Sciences Pvt. Ltd. • Swastika Engineers • Taj Sats Air Catering Ltd. • Tata Chemicals Ltd. • Tata Motors Ltd. • Tata Steel Ltd. • Tatva Chintan Pharma Chem Pvt. Ltd. • Tevapharm India Pvt. Ltd. • The Taj Mahal Hotel • Thermax Ltd. • Timken India Ltd. • Torrent Pharmaceuticals Ltd. • Torrent Power Ltd. • Toyo Engineering India Ltd. • Tractors India Pvt. Ltd. • Triveni Turbine Ltd. • U Flex Ltd. • United Phosphorus Ltd. • United Spirits Ltd. • Usha Refrigeration Co. • Vardhman Tex Garments Ltd. • Vishal Beverages Pvt. Ltd. • Voltas Ltd. • Welspun India Ltd. • Wonder Cement Ltd. • Zydus Healthcare Ltd.

... and many more.

Pl. visit our website for complete list.

MISSION COOLMAX

a cool way to maximize cooling

COOLMAX is Mihir's special drive to help out valued clientele for obtaining maximum possible system performance.

Phase-1 : Physical Health Check-Up : Inspection of physical condition of all the components like Structural Framework, Fill Media, Water Distribution System, Drift Eliminator, Fan, Gear Box, Transmission Shaft, Motor etc. with detailed report with comments and recommendations.

Phase-2 : Performance Review : Measurement of all the parameters like hot water temperature, cold water temperature, wet bulb temperature, inlet air flow, water flow rate, vibration and noise level etc.. Analysis report with comments and recommendations for efficiency improvement.

Phase-3 : Refurbishment : On submission of our reports of Phase-1 and 2, one meeting and discussion with the client on the recommendation and comments would be held to conclude further action. After completing all the formalities with your purchase team on receipt of confirmation, our teams will start working on supply of proposed material and refurbishment of the towers at the site. On completion of the proposed refurbishment activities, the final test reports of improved performance will be submitted by our team.

Phase-4 : Up-gradation : Up-gradation would be applicable in case you need to increase the capacity of the existing cooling tower in order to achieve higher water flow rate or colder water temperature by adopting certain changes recommended by our team.

After submission of detailed technical reports by us, discussion can be held with the client to conclude further action. After completing all the formalities with your purchase team on receipt of confirmation, our teams will start working on supply of proposed material and up-gradation of the towers at the site. On completion of the proposed up-gradation activities, the final test reports of improved performance will be submitted by our team.

Phase-5 : Conversion from Cross Flow to Counter Flow : After thorough inspection of existing cooling tower, we will submit detailed proposal for conversion. On conclusion after discussion, and completion of formalities, our technical team will start related site activities. On completion of the conversion, we will submit final test and performance report.

maxiwise cooling



Mihir COOLMAX,
when cooling is a hot issue.

From Clear Water to Sea Water Applications

	TYPE OF MEDIA	M.O.C.	FAULING/ SCALING RESISTANCE	HEAT TRANSFER EFFICIENCY	SUITABLE APPLICATIONS	LIFE OF MEDIA
1	Opti Grid Splash Type	P.P.	Best	Low	Sea Water Cooling, High Turbidity, High Contaminated Water Cooling	Best
2	V-Bar Splash Type	PVC	Better	Low	Med. Contaminated Water Cooling	Better
3	Trickle Media	PP	Better	Low	Low Contaminated Water Cooling	Better
4	Wooden Splash Bar	Wood	Better	Low	Low Contaminated Water Cooling	Good
5	Vertical Flute (19 mm) Film Type	PVC	Good	Medium	Low Contaminated Water Cooling	Good
6	Cross Flute (19 mm) Film Type	PVC	Poor	High	Clear Water	Good
7	Cross Flute (12 mm) Film Type	PVC	Poor	High	Very Clear Water	Good



CROSS FLUTE FILM TYPE (12 mm)



CROSS FLUTE FILM TYPE (19mm)



VERTICAL FLUTE FILM TYPE



OPTI GRID SPLASH TYPE



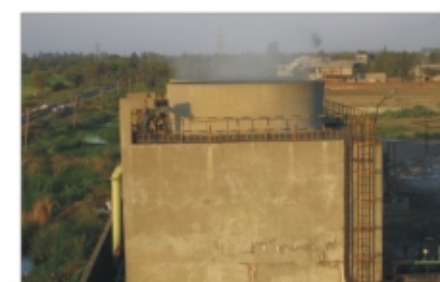
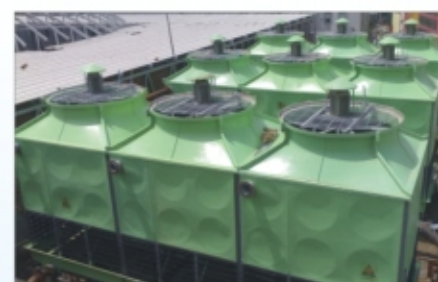
TRIKLE MEDIA



PVC V-BAR



Limited by your choice only



*we do not compromise,
because you do not.*

achievements



*we have commissioned
2000 cmh capacity
cooling tower
within 20 days*

Power of Execution

With 75+ dedicated engineers and 450+ skilled work force, we keep capacity to meet client's 'no time' crisis for erection of cooling tower with 'capacity no bar'.

*speciality solution for
critical sea water
application*

Power of Research

The toughest job to encounter varied sea water quality is not even tough for us as we have developed special solution for every kind of water that is cruelly 'unkind' for performance.

*crossflow to counterflow
conversion executed*

1,00,000⁺ cmh

Power of Trust

80% of our production is occupied by repeated orders. Our clients trust us to trust more. 'Always Best Deal' in all respect is our prime assurance that earns us the confidence of client in turn.

*100⁺ clients having
50⁺ installations*

*we have commissioned
single location new
cooling tower of
61000⁺ cmh*

Power of Challenge

With 45+ years deep root experience and highly dependable expertise, we stand to undertake any challenge. No challenge is big for us, and we take no one as small ever.

*the biggest
achievement we
have earned is
applauding
clients*



technical advisory *after sales service* *spares and accessories* **Support**

*Our experts can optimize performance of
your cooling tower, irrespective of make or type.*

troubleshooting

technical advisory

A project starts with technicalities. With 45 years of experience and industry-best expertise, we are always here to support you for any technical advisory from pre-project to post-project requirements.

Our technical team consists of 50+ highly qualified engineers with in-depth knowledge and know-how of minor to major technical problems/occurrences. We provide complimentary technical advisory for any project you have on hands. We also provide a detailed technical fact-sheet on commencement of new project.

after-sales-service

Our relations with client do not end with selling, rather it starts. With satisfaction, and so trust, earned of our clients, 75% of our production capacity remains occupied for repeated orders only. We have teamed up special experts for different specific industries, e.g. Thermal Power Plants, Process Industries, Cement Plants, Textile Mills, Pharmaceutical Industry, Hotels, Banks, Hospitals etc. Our all after-sales-teams work intensely hard to meet clients' need of the moment, because performance of our product is firstly, our concern, before it is of you.



accessories, the necessities





Highly Corrosion Resistant - Light Weight : High Strength
Non-Conductive - Non-Magnetic - Fire Retardant
Flexible Designing - Thermal Resistant

WHEN MATERIAL MATTERS THE MOST

pultruded frp products

HIGH PERFORMANCE PULTRUDED FRP PRODUCTS FROM STRONGLITE

PROPERTY	TRADITIONAL FRP	PULTRUDED FRP
Strength	Poor	High
Glass Content	20% to 30%	50% to 70%
Fiber Placement	Highly Varying	Consistent
Process	Batch/Manual	Continuous/Auto
Output	Limited	High Volume
Cross-section	Non-uniform	Constant
Quality	Non Consistent	Highly Consistent
Uses	Light Loading	Structural



A pultruded composite profile is a combination of two or more materials, where the resultant material is superior to the individual component parts. Stronglite composite products utilise these enhanced properties to the full. Designed by an experienced and talented team who know and understand composites, and manufactured by most advanced techniques, Stronglite composite products offer durable long term solutions at a competitive price.

Stronglite -
One Material,
Many
Applications

MECHANICAL PROPERTIES	Pultruded FRP	Rigid PVC	Mild Steel	Stainless Steel	Wood
Tensile Strength (N/mm ²)	382	44	340	340	80
Flexural Strength (N/mm ²)	468.3	70	380	380	12
Flexural Modulus (N/mm ²)	22489	2400	196000	196000	700
Izod Impact (Kg.m/cm)	2.15	0.09	1.5	0.53	~
PHYSICAL & CHEMICAL PROPERTIES					
Specific Gravity	1.8	1.38	7.8	7.92	0.52
Thermal Conductivity (Kcal/hr/m ² /°C)	24.4	6.4	1220	732	0.4
Coeff. Of Linear Expansion (cm/cm°) x 10 ⁻⁶	5.2	37	8	10	1.7
Safe Working Temperature (°C)	130	55	600	600	160
Frame Resistance	Good	Poor	Excellent	Excellent	Poor
Corrosion Resistance					
A. Acidic	Excellent	Good	Poor	Excellent	Poor
B. Alkaline	Good	Fair	Good	Excellent	Poor
C. Solvents	Fair	Poor	Good	Excellent	Fair
D. Coastal Environment	Excellent	Good	Poor	Excellent	Fair
E. Outdoor Exposure	Excellent	Poor	Fair	Excellent	Fair
F. Effluent Water	Excellent	Good	Poor	Excellent	Fair
G. Steam	Good	Poor	Fair	Excellent	Fair



Applications : (Think replacing Rigid PVC, Mild Steel, Stainless Steel, Wood etc. anywhere)

Cooling Towers
Work Platforms
Bridge Decking
Ladders
Stair Cases

Cable Trays
Hand Railing
Structural Beams
Flooring Supports
Scaffolding

Joists
Tanks Supports
Building Structures
Sub-floor Platforms
Fencing

Racking Systems
Off-shore Platforms
Staging
Gratings
Transformer Spacers

stronglitecomposites.com

Stronglite Composites was established to carry forward the legacy of Mihir Cooling Towers in a more advanced set up with complete in-house manufacturing facilities. Mihir Engineers Private Limited, manufacturers of 'Mihir Cooling Towers' was established in 1976. It was the first company in India to manufacture Round Bottle Shaped FRP Cooling Towers.

This pioneering and eco-friendly concept was so unique and superior to the conventional wooden towers, that it was widely accepted by the Indian industry, large and small. A trend setter in the field of the FRP Cooling Towers, the company to-date has installed and commissioned over 35,000 towers in the country and abroad.

In pursuit of better and more efficient designs in FRP cooling towers, in 1992 Mihir Engineers Private Limited collaborated with the world leaders in this field - GEA Polacel of The Netherlands. The result of this collaboration was the rectangular shaped CM series counter flow type 'Mihir Polacel FRP Cooling Towers'.

In 2002 keeping with the tradition of pioneering high performance cooling towers, Mihir Engineers designed large capacity cooling towers with combination of FRP and RCC especially for Process Cooling, distillery, sugar industry and Power Plants and HVAC.

In 2006, large capacity RCC Cooling Towers were introduced offering great strength, durability and design flexibility

In 2008, Mihir introduced Pultruded FRP (PM series) for better efficiency, durability and covering wide range of water used. (clean water to sea water)



**Mihir Cooling Towers -
When cooling is a hot issue.**



StrongLite
COMPOSITES

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11 New Marine Lines, Mumbai 400 020
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Tel: 91-79-29703426 / 29703427 / 48006773
Email: amd@mihircooling.com

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Tel/Fax: 011-47038624, 47038625
Email : delhi@mihircooling.com

Works :
Survey No. 1383/3K/P-2
Off. Ahmedabad Mehsana Highway
Village: Rajpur, Tal. Kadi
Dis: Mehsana, Gujarat

mihircooling.com

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