

Corrosion is  
erosion of assets

Get protection solutions  
under one roof

From manufacturing to turnkey projects;  
a trusted name since 1982



corrocare  
industries

## Corrocare Industries

We are Corrocare Industries. We understand Industrial Corrosion better. What's more, we understand the solutions like no one else. Ever since 1982, we have been partnering with industrial units like yours in fight against corrosion.

A renowned manufacturer par excellence, our product basket covers products for prevention of corrosion. But the process doesn't stop there. We extend a helping hand like that of consultants to understand nature and scope of work and suggest appropriate solution. For we believe 'one-size-just-can't-fit-all' when it comes to offering a



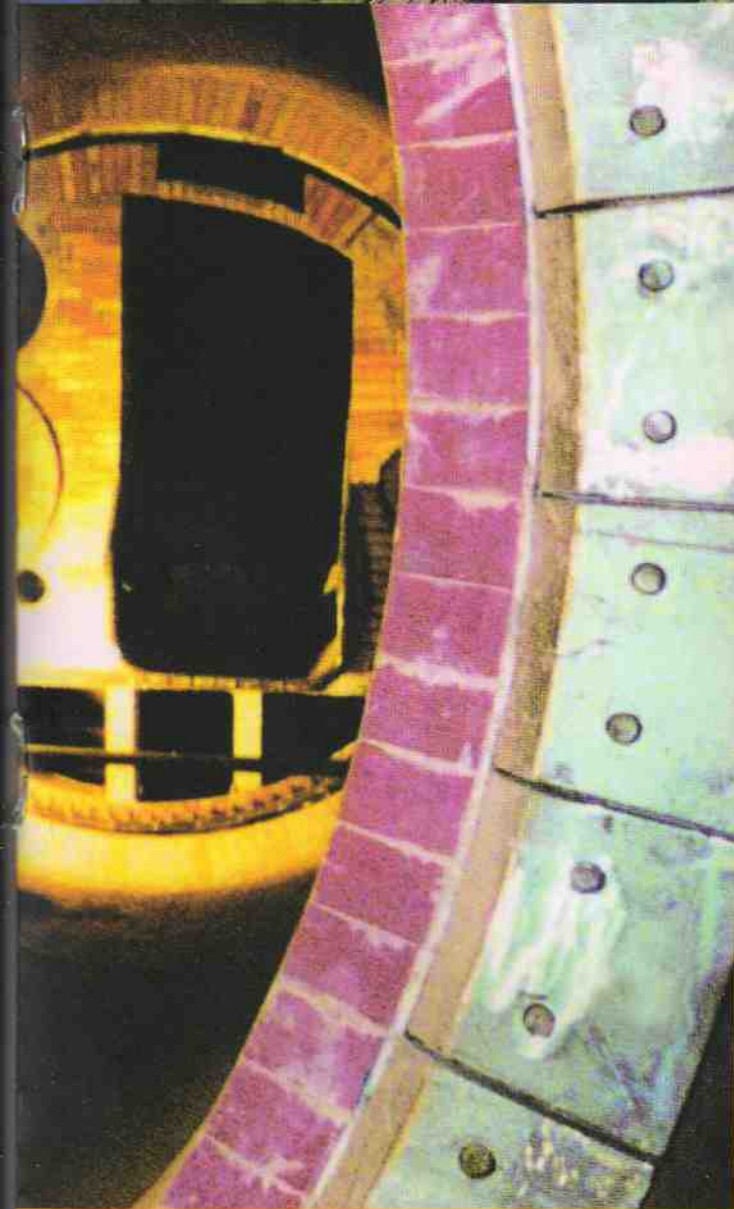
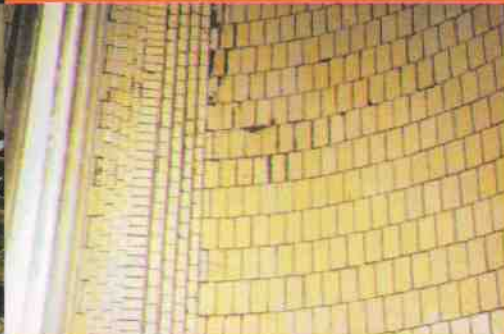
solution. From raw materials to civil work, Corrocare offers gamut of services under one roof. Thus adding up a cost competitive edge to our offerings. Over the years, we have earned a reputation. For delivering on-time. Within the budgeted parameters. And, quality of workmanship.

Needless to say, such scaled up operations can come only from a technocrat-driven company. At the helm of Corrocare is a visionary management team and technically sound leadership that aims to bring effective solutions for problems of corrosion.



## Sectoral footprint

- Chemicals
- Insecticides
- Pesticides
- Fertilizers
- Pharmaceuticals
- Food
- Textiles and Process House
- Rolling Mills



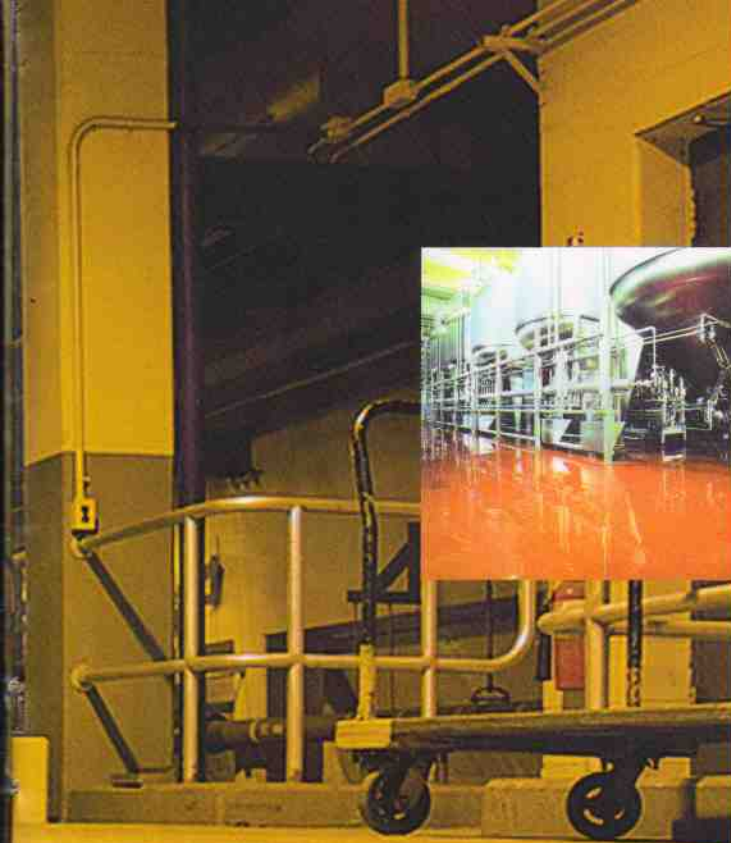
## Reactors and Vessel Lining

Brick linings have to be designed in such a way that it takes into consideration non-elastic character of brick in a relatively highly elastic steel vessel. We, at Corrocare, ascertain thermal growth and pressure expansion for vessels along with linear thermal expansion and chemical swell for brick linings as part of our studies before arriving at a suitable solution. Determining thermal and pressure shocks and their influence on brick-lining lifespan.



## Industrial Flooring and Ceramic Tile Lining Systems

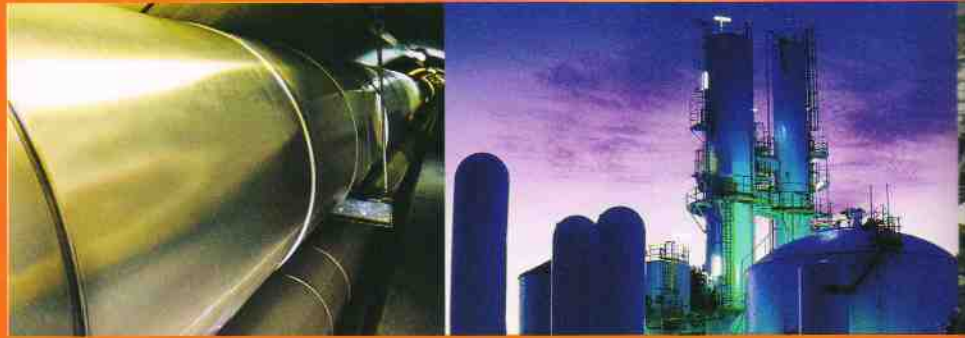
Industrial flooring goes through hell compromising occupational safety. Temperature fluctuations, dampness, heavy crane movement, chemical stress, wear and tear, cracks, etc. This is where Corrocare's expertise comes into play. We determine exactly what components will be used for flooring and arrive at technically suitable and most economical solution. Thus preventing corrosive attacks, penetration of hazardous chemicals, etc.



## Tank PU Coatings and Self-levelling Flooring

For vessels and spaces prone to corrosion stresses; we undertake Polyurethane (PU) coating. It not only helps in longer life of storage and process tanks, but also helps in protecting the structures against aggressive fumes. PU coating finds applications in reactor vessels, flue gas channels, tanks, etc.

Corrocare also undertakes assignments for Self-levelling Flooring Systems. Without pores, easy to clean, resistant to strong cleaning solutions and exhibiting outstanding mechanical resistance, Self-levelling flooring is ideal for Food and Process, Chemicals, Pharmaceuticals and related industries.



## Clientele

Over the years, the trust we have created around our delivery has ensured repeat orders from some of India's reputed Industrial Houses from Public, Private and Joint Sectors. These companies are small, large as well as very large enterprises.

- Bilag Industries Ltd. Group Company
- Micro Inks Ltd. Group Company
- Colour Tax Industries Ltd. Group Company
- Atul Limited
- Sajjan India Ltd.
- Excel Crop Care Ltd.
- Kutch Chemical Industries Ltd.
- Jay Chemical Industries Ltd. Group Company
- Bodal Chemical Ltd. Group Company
- Nagarjuna Agrichem Ltd.
- Steel Authority of India
- Reliance Industries Ltd.
- ONGC
- Hindustan Zinc Ltd.
- Sterlite copper Ltd.
- Oswal Chemical & Fertilizer Ltd.

## Execution

We just don't believe in 'taken-from-you-given-to-them' philosophy. Where transparency and hence accountability comes under a big question.

Our own team of highly experienced and skilled professionals ensure best installations. Anywhere across India. After all, at Corrocare, we are your one-stop partner. Even when it comes to execution of mandate!

## Services

What is business without prompt service! That's why, we have our own offices and godowns at every major industrial cluster. These are spread strategically to effectively cover major areas in the vicinity.



## Mortar

### Physical Properties

	<b>FUROTOP</b> (Furan Based)	<b>FINOCONS-ES</b> (Phenol Based)	<b>ELKOCID</b> (CNSL Based)	<b>BONDITE-EBM</b> (Epoxy Based)	<b>CILICID-K</b> (Silicate Based)	<b>CILICID-N</b> (Silicate Based)
Colour	Black	Black	Black	Off White	Yellowish	Off White
Mixing Ratio	3:1	3:1	3:1	4:1 :0.5	3:1	3:1
Density Kg/ M <sup>3</sup>	1900 to 2000	1800 to 1900	1500	2100	2200 to 2300	2150 - 2250
Compressive Strength Kg/cm <sup>2</sup>	> 400	> 350	> 100	> 500	> 150	> 100
Flexural Strength Kg/ cm <sup>2</sup>	> 75	> 75	> 20	> 150	> 40	> 35
Bond Strength with Bricks Kg/cm <sup>2</sup>	> 10	> 10	> 5	> 12	> 5	> 5
Max. Water absorption	Below 1%	Below 1%	Below 1%	Below 1%	In Toluene 18%	In Toluene 18% max
Max. Service Temp.	175° C	130° C	140° C	150° C	150° C	150° C
Working Time	> 20 Minute	> 20 Minute	> 20 Minute	> 20 Minute	> 20 Minute	> 15 Minute
Setting Time	< 5 hr	< 5 hr	< 5 hr	< 12 hr	< 3 hr	< 3 hr

## THERMOSET - SSR

(Bitumen Based)

<b>Pourability</b>	Good
<b>Pouring Temp.</b>	135 to 140 C
<b>Tensile Strength</b>	> 30
<b>Compressive Strength</b>	> 300
<b>Flexural Strength</b>	> 70
<b>Maximum Water absorption</b>	Below 1 %
<b>Bond Strength with bricks</b>	8

## PRICOAT

<b>Colour</b>	Black
<b>Appearance of the painted Surface</b>	Smooth & Glossy
<b>Adhesion to concrete</b>	Good
<b>Drying time at 27 C</b>	120 Minutes
<b>Resistance to inorganic mild acids and alkalies</b>	Good
<b>Resistance to oxidising acids, fats, oils, solvents</b>	Not Suitable

## THERMOSTIC

(Bitumen Based)

<b>Colour</b>	Black
<b>Binder Contain (%)</b>	12 to 18
<b>Hardness no.</b>	not more than > 40