

COMPANY PROFILE



BHAVANI REFRACTORIES
CORROSION CONTROLLER

Introduction

Bhavani Refractory Corrosive Controller has vast experience and expertise since last so many years under the proficient leadership of the honorable Mr. Rakesh Kumar. He has experience of 20 years for manufacturing and marketing of different types of Refractory Insulation Bricks of any shapes and sizes. The company has grown manifold during the last so many years and it has an excellent presence in Indian Market.

Refractory Work, Acid Proof Brick Lining, Anti Corrosive Lining, Epoxy Lining provided by us is used in various industrial segments for specific purposes. We make available Acid Proof Brick Lining in different shapes and sizes depending on the specific demand of the client. Reasonably priced, our brick linings remains in great demand in the market.

We offer Mastic lining, Acid Proof Brick Lining, Anti Corrosive Lining, Refractory Work & Epoxy coating in wide range any chemical industries floors, drains, storage & reaction vessels etc., suitable lining is done to prevent corrosion, Normally a membrane is considered for Protection.

We are specialist in A R Mastic Lining, Anti Brick Lining, Acid Proof Brick Lining, Anti Corrosive Lining, Refractory Work, Insulation Lining, Epoxy Coating, Screeding & Water Proofing etc. We are also Stockist & Suppliers of all types of Fire Bricks, High Almn Bricks, Insulation Bricks, ACC Super Castable, Accoset 50 Fire clay etc. Bhavani Refractory Corrosive Controller is also Manufacturer of A.R Mastic & Acid Proof Cement.

CUSTOMER SATISFACTION:

Since last two decades in this industrial Journey, one thing which has not changed is our customer approach. Even today, customer satisfaction remains our very important goal, which we strive to attain at any cost. We never made any compromise in quality of our work because for us customer satisfaction is top most priority.

OUR MISSION:

At Bhavani Refractory Corrosive Controller we are committed to delivering the highest level of customer satisfaction. We can complete your project needs according to your specifications, on time and within budget.

OUR VALUES:

Quality, Integrity Diversity, Honesty, Accountability, Teamwork.

MANPOWER

10 to 25 Person

TURN OVER:

2cr. to 3cr.

Turnkey Projects

Bhavani Refractory Corrosive Controller under takes turnkey project assignment covering consultancy designing, supplying, installation and commissioning.

We have a team of dedicated and well trained Marketing Professionals.

Who are in constant touch with leading consultants as well as with the clients Projects Department to collect the information regarding their corrosion problems due to various chemicals / Acids / Alkalis / Solvents etc., being handle in their projects.

Effective prevention of corrosion requires a comprehensive programme that includes adopting correct specification, quality material analysis and Execution of work under very strict supervision of qualified site - engineers.



Our Infrastructure

Bhavani Refractory Corrosive Controller infrastructure is a combination of Latest technology, Talented manpower and hard working professionals.

We have divided our infrastructure into different units, such as manufacturing, quality testing, R & D and warehousing.

Our manufacturing unit has a large production capacity and is equipped with all the machines required for the production of industrial lining products.



Quality Policy

Bhavani Refractory Corrosive Controller Is Committed To Provide Products Meeting Customer Requirements On Time To Achieve More And More Customer Satisfaction.

We Will Strive For On Going Improvements In All Our Activities By Enhancing Skills Of All Our Employees Through Training And Motivation.

Bhavani Refractory Corrosive Controller Also Commit To Implement, Maintain And Continuously Improve Our Quality Management System As Per ISO 9001:2008 Standard And Also Commit To Fulfill All Applicable Statutory And Regulatory Requirements.



Quality
POLICY

A hand pointing upwards with the index finger, positioned over the word 'Quality'.

Treatment Area

Chemical Industries

- Process Plant Area
- Process Reactors vessels
- Tank Pad area
- Storage Tanks
- Pump Foundation area
- Effluent Treatment Plant area
- Warehouse
- Drains

Pharmaceutical Industries

- Tank Pad Area
- Process Plant Area
- Reaction Vessels
- Packing Area
- Storage Tanks
- Pump Foundations
- Warehouse
- Effluent Treatment Plant area
- Pipeline Projects
- Battery Rooms
- Control Rooms
- Collection Pits

Redmandana Stone Lining

- 1.5' x 1.5' x 1" – 1.5" (RMS/2.25)
- 2.0' x 2.0' x 1" – 1.5" (RMS/4.0)
- 2.0' x 1.5' x 1" – 1.5" (RMS/3.0)

Brick Lining (BR)

- 230x115x38mm (BR/38)
- 230x115x75mm (BR/75)
- 230x115x65mm (BR/65)

Automobile Industries

- Pickling Area
- Assembly Area
- Paint Shop
- Work Shop area

Tile Lining (TL)

- 200x100x20mm (TL/20/J)
- 230x115x20mm (TL/20/K)
- 230x115x25mm (TL/25/K)
- 300x300x10mm (TL/10/J)
- 300x300x12mm (TL/12/J)
- 300x300x15mm (TL/15/J)
- 200x200x15mm (TL/15/J)

Power Projects

- Pump Foundations
- Turbine area
- Battery Rooms
- Control Rooms
- Drains
- Effluent Treatment Area

Dyes Industries

- Process Reactors vessels
- Process Plant Area
- Tank Pad Area
- Storage Tanks
- Filter Press
- Pump Foundation area
- Drains
- Effluent Treatment Plant Area

Petrochemical Industries

- Effluent Treatment Plant Area
- Steel Structures
- Process Plant Area
- Cracker Plant
- Storage Tank Area
- Control Rooms
- Battery Rooms
- Drains
- Pump Foundation area
- D M Water Plant
- Chimneys
- Warehouse

Steel Industries

- Process Area
- Chemical Tank Storage area
- Pickling Area
- Drains
- Effluent Treatment Plant area

Treatment Area

Bituminous River Sand Bed For Rcc Foundation of Huge MS SS Storage Tanks

- 25mm (RMST/25)
- 50mm (RMST/50)
- 75mm (RMST/75)
- 100mm (RMST/100)

Bituminous Mastic Compound: Linner Lining For Brick/tiles Lining on All Surfaces

- 6mm (MST/6)
- 10mm (MST/10)
- 12mm (MST/12)
- 25mm (MST/25)
- 50mm in two layers (MST/50)
- Control Rooms
- Collection Pits

Poly Urethane Painting on wall, Floor and Structure:

- Sand Blasting + Primer + intermediate coat + Top coat (for Steel Structure) (PUPST)
- Primer + Top coat (for Walls, Floor) (PUPWL)

Epoxy Self-levelling in various thicknesses on floor:

- Primer + 1mm GAL SL (SI1)
- Primer + 1mm Screed + 1mm GAL SL (SL1/1)
- Primer + 1mm Screed + 2mm GAL SL (SL1/2)
- Primer + 2mm GAL SL (SI2)

Epoxy Coving to avoid corners between floors to wall, wall-to-wall, wall to ceiling:

- 25mm Pencil Coving (EPC 25)
- 50mm (EPC 50)
- 75mm (EPC 75)
- 100mm (EPC 100)SL (SL1/2)
- Primer + 2mm GAL SL (SI2)

Paints Industries

- Structure
- Process Area
- Reaction Vassals
- Storage Tanks
- Effluent Treatment Plant area

Epoxy Screed Lining for Floor:

- 2mm (EPS/2)
- 3mm (EPS/3)
- 5mm (EPS/5)
- Effluent Treatment Plant Area

Epoxy Screed Lining with glass cloth with Colour/Clear topcoat:

- 2mm (EPSC/2)
- 3mm (EPSC/3)
- 5mm (EPSC/5)

Epoxy Antistatic Lining:

- Primer + 2mm SL AntiS (SLA2)
- Primer + 1mm Screed + 2mm SL AntiS (SLA1/2)

Antistatic Mastic Lining for LPG cylinder storage area:

- 25mm (AMST/25)
- 50mm (AMST/50)

- TMT (Steel) bar coating with CECRI systems.(TMT MT)
- Coaltar Epoxy on R.C.C., Steel Structure, Pipe line etc. (CTE ST)
- Coaltar Epoxy In R.C.C. Footing under soil with INHIBITOR system. (CTE I)

Furane : Resin base Mortar



Furane Acid Resisting Mortar



Furane Acid Resisting Powder



Furane Resin Base Mortar

FURANE is a two-part chemical setting Furfural Alcohol base Resin-Mortar used for bonding acid resistant bricks and tiles. It is impermeable in texture and resistant to a very wide range of chemicals, including strong acids alkalis, oils, solvents and unaffected by temperature up to 170 C. FURANE"C" a 100 % carbon filled mortar is available where resistant to Hydrofluoric acid, fluoride salts and strong hot alkalis are required.

AREA OF APPLICATION :

FURANE is used for acid resistant bricks and tiles lining where maximum chemical resistance is required e.g. dyestuff, rayon, steel, thermal power stations, fertilizers, petro-chemicals, food-pharmaceuticals industries on locations like floors, drains, tanks, reaction & storage vessels, effluent treatment plants etc.

SPECIFICATION:

SPECIFICATION	UNIT	RESULTS (FURANE Base)
Flexural Strength	Kg/cm ²	100-120
Compressive Strength	Kg/cm ²	450
Setting Time at 27° C temp.	Minutes	20-40
Water Absorption by weight	%	1
Bonding Strength	Kg/cm ²	15
Density of Mortar	gms/cc	1.6
Mixing Ratio (Power : Resin)	pbw	2:1
Temperature Resistivity	°C	180
Chemical Resistance	LOSS of WEIGHT < 1.5 %	Excellent for all Acids Alkalis

METHOD OF APPLICATION:

FURANE is prepared by mixing solution & powder to form a workable mortar. The recommended ratio of mixing is 1 part solution to 3 parts powder by wt. The ratio will vary depending upon ambient temperature and working conditions. Use clean, dry mixing pan. Place appropriate quantity of solution in mix pan, and add powder slowly, mixing thoroughly until completely dispersed. Do not mix more material, then can be used within 20-30 minutes.

APPLICATION:

Ensure that bricks or tiles are clean, dry and stored at ambient temperature. Butter the bricks or tiles with mixed mortar ensuring uniform coverage, with a slight more in the center so no air pockets are formed while its installation. When using as only jointing mortar, it is essential that FURANE is filled to the full depth of the joint. During and after completion of the application, the area must be kept dry and free from any other materials, which can affect setting and curing of FURANE.

CHEMICAL RESISTANCE:

FURANE is recommended to use against very wide range of acids, alkalis, solvents, salts, oils and fats. However FURANE is not recommended to use against HF, fluoride salts, and strong hot alkalis. For these conditions, FURANE"C" 100 % carbon filled mortar is available. Also it is not recommended against strong oxidizing acids like chromic acid, Nitric acid and other oxidizing agents.

STORAGE SHELF LIFE:

Always keep solution & powder in cool dry place in sealed container and bag, away from direct sun light, moisture etc. If stored as above, shelf life of solution: 1 year powder: 3-4 months.

PACKING (Solution):

25 Kgs and 250 kgs sound quality MS drums., Powder : 50 Kg in LDPE + HDPE bags.

HEALTH & SAFETY:

It is advisable to wear protective wears at the time of use of FURANE and all other our products. In case of contact with eyes and skin, wash with plenty of water and consult a doctor. This information, given above in good faith, is based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use is beyond our control.

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Cashew-CNSL: Resin base Mortar



Cashew Acid Resisting Mortar



Cashew Acid Resisting Powder

This is a two - pack Chemical setting Phenolic base CNSL Mortar used for acid resisting brick lining & acid resisting Tiles lining Work, to protect most commonly used construction materials like RCC, MS, steel, brick masonry construction etc., from corrosive environment in modern chemical age. CNSL is resistant to Acids & Alkalis, at temperature up to 170 C.

AREA OF APPLICATION :

CNSL Mortar is used for acid resistant brick/tile lining work where maximum chemical resistance is required, at most economical cost. CNSL is most inexpensive among other resin base mortar like Furane, Phenolic, Epoxy, Polyester Resin base Mortar. But, at the same time it is most suitable Acid Proof bedding & joint filling material.

PHYSICAL PROPERTIES :

Color	Black
Mix Ratio by wt. Solu. to Powder	1.3
Compressive Strength kg/cm ²	100Kg
Flexural Strength kg/cm ²	30
Bond Strength kg/cm ²	4
Water Absorption	1%by wt.
Max. Temp.	170 C
Setting Time	18-24 Hrs.

MIXING :

CNSL is prepared by mixing of Cnsl solution & Cnsl powder to form a workable mortar. Mixing ratio is 1 part solution to 3 parts powder by weight. This ratio can vary and depending upon ambient temperature and/or working temp. & conditions. Do Use clean, dry mixing Pan. Take required quantity of solution and add powder slowly and start mixing to get uniform paste like cement-mortar. and then can be used within 20-30 minutes. *Do not mix large quantity at a time.

APPLICATION :

Ensure Acid Proof bricks or tiles are clean, dry and kept at the same temperature of CNSL. Apply mixed mortar on brick/tile in Even thickness on all sides for bedding & jointing with the same materials. Apply little more in center so, no air pockets are formed while its installation. If it is only for joints filling work, it is recommended to take great care that full depth Joints of Tiles or Bricks are Opened and then Cnsl Mortar Paste is filled. During & after completion of the application, the area must be kept dry and free from Water and other materials and traffic, otherwise, such media can effect the setting & curing of CNSL.

CHEMICAL RESISTANCE:

CNSL will provide very good protection against most acids, alkali solvents, oil, fats, salts etc. For, ETP Tanks of Speciality Chemicals Plant i.e. Nitric Acid, Caustic, HCL, Sulphuric Acid our CNSL Mortar Offers Great Chemical Resistant. *However, it is not recommended for protection against HF, fluoride salts etc.

STORAGE SHELF LIFE:

Always keep solution & powder in cool, dry place, away from direct sunlight and moisture. If stored in sealed container and bags, shelf life of solution will be 12 months, and shelf life of powder will be 4-5 months.

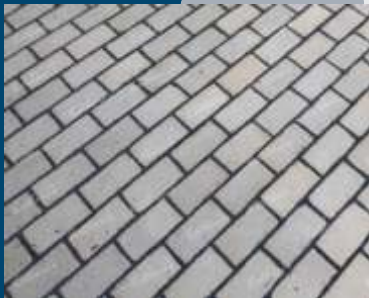
PACKING (Solution):

25 kgs and 200 kgs (NET) in good quality MS drums. Powder : 50 kgs (NET) in LDPE+HDPE bags.

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Epoxy : Resin base Mortar



This is a three parts chemical setting epoxy resin base mortar. It exhibits excellent adhesion to acid resistant bricks/tile, concrete, MS surface. epoxy is resistant to very wide range of chemicals.

AREA OF APPLICATION :

Due to very low absorption and very high chemical & physical properties epoxy mortar can be used for acid resisting brick/tile lining, on floors, drains, reaction & storage vessels, sumps, effluent treatment plants of food/pharmaceuticals, Breweries, Dairies, Water treatment plants etc.

PHYSICAL PROPERTIES :

Color	Brown
Mix Ratio by wt. Sol to Powder	1 : 4.5
Compressive Strength kg/cm ²	500
Flexural Strength kg/cm ²	150
Bond Strength kg/cm ²	10
Water Absorption	0.45 %
Max. Temp.	85' C – 90 C'
Setting Time	8-10 Hrs.

METHOD OF APPLICATION MIXING:

All mixing tools and pan must be clean, dry. Take appropriate quantity of resin and hardener and mix it truly with suitable means, until you get homogeneous mix. Then add powder slowly in it and start mixing slowly to avoid air trapping. The ratio can vary depending upon ambient temperature and working conditions.

APPLICATION :

After proper mixing, mortar should be buttered on back and sides of bricks/tiles to be laid. Apply little more mortar and after lying squeeze the excess mortar. If only joints filling are done with epoxy mortar, be sure that full depth of joints is filled with mortar. There should not any air pocket in the joints. During & after completion of the installation, area must be kept dry and free from any other materials, traffic, which can affect setting & curing of epoxy mortar.

CHEMICAL RESISTANCE:

Epoxy is highly resistant to acids, alkalis, salts, solvents, greases, detergents etc. However it is not recommended against strong mineral and oxidizing acids.

STORAGE SHELF LIFE:

Always keep resin, hardener and powder in cool, dry place, away from direct sunlight and moisture. If stored in sealed containers and bag shelf life of Resin, Harder & Powder will be one year.

PACKING (Solution):

As required by customer.

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Mastic: Hot - Melt (Powder form)



Mastic Work Hot Melt Powder

Concrete and ordinary redbrick masonry with cement plastered surface are basic methods for construction of floors, foundations, tanks, sumps manholes etc. These can be attacked by corrosive environment, spillage's of acids and alkalis and other chemicals handled in modern chemical industries. To protect civil structure of plants and buildings from corrosive attack, acid resisting brick lining is most communally used method. Mastic compound is used as an inter-liner with acid resisting brick lining. It can also applied as open mastic flooring for heavy-duty flooring.

AREA OF APPLICATION :

Mastic compound is mainly used as an impermeable inter-liner with acid resisting brick/tile lining on floors, tanks, drains, sumps. It can also applied, as open mastic flooring where diluted chemicals are to be handled and traffic is not very high.

PHYSICAL PROPERTIES :

Specific Gravity	2 - 2.5
Softening Point	130 - 140' C'
Recommended Temp. Limit	60' C'
Shelf Life	Unlimited

METHOD OF APPLICATION MIXING:

Mastic compound application consist of two coats of A.R.Primer primer and followed by Mastic compound in recommended thickness, ranging from min. 12mm to 25mm in one or two layers to achieve desired thickness without any pin hole and crack.

Surface preparation and application of A.R.Primer: Refer application method of A.R.Primer. After doing necessary surface preparation and application of primer coating, area to be installed with Mastic compound should be divided in to equal no. bays. To maintain even thickness required, place wooden or aluminum batten. Mastic compound is then broken in small pieces and put it in heating pan. While heating, keep material moving to avoid burning. It is heated until it comes in a uniform consistency and then applied on the surface and works it with wooden float, to achieve uniform thickness and smooth surface free from any pinholes.

CHEMICAL RESISTANCE PROPERTIES:

Mastic compound has good resistance to weak, diluted acids, alkalis salts etc. It is not recommended to use against strong acids, oxidizing acid solvents, oil and fats.

STORAGE SHELF LIFE:

Keep Mastic compound away from direct sunlight, heat solvents etc. Under this condition, its shelf life is unlimited. It is supplied in cake form and approx. wt. is 10 kgs.

HEALTH & SAFETY:

Handle melted Mastic compound compound very carefully . Avoid contact with skin. It is advisable to wear protective wears at the time of use of Mastic compound and all other our products. This information, given in good faith, is based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control.

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Phenolic: Resin base Mortar



**Phenolic
Acid Resisting Powder**



**Phenolic
Acid Resisting Powder**

This is a two-pack chemical setting Phenolic base mortar. It is being used as bonding material for acid resisting brick masonry construction for protection against corrosive conditions mainly from acids, in more particular, its resistance to Sulfuric acid upto 70 % is very good.

AREA OF APPLICATION :

Phenolic is used for acid resisting brick/tile lining where protection against Sulfuric acid is needed. It is recommended for pickling tank lining, reaction & storage vessels lining, floors, drains lining.

PHYSICAL PROPERTIES :

Color	Brownish Black
Mix Ratio by wt. Solu. to Powder	1 : 3
Compressive Strength Kg/cm ²	350
Flexural Strength Kg/cm ²	75
Bond Strength Kg/cm ²	10
Water Absorption (up to)	1%
Max. Temp. Resistance	150' C'
Setting Time in Hours	18-24 Hrs.

METHOD OF APPLICATION MIXING:

phenolic is prepared by mixing solution & powder to form a workable mortar. The recommended ratio of mixing is 1 part solution to 3 parts powder by wt. The ratio will vary depending upon ambient temperature and working conditions. Use clean, dry mixing pan. Take-out required quantity of solution and add powder to it, slowly and start mixing until you get smooth paste, free from loose powder. Do not prepare more material, then can be used within 20-30 minutes.

APPLICATION:

Phenolic mortar is buttered on clean, dry bricks or tiles, which, kept at ambient temperature. Apply little more material on center and place to avoid air pocketing while installation. If only joints are to be filled with phenolic, it is essential that full depth be filled with mortar. During & after completion of the lying of bricks or tiles, the area must be kept dry and free from any other materials and traffic, which can affect setting & curing of phenolic.

CHEMICAL RESISTANCE PROPERTIES::

Phenolic can provide very good protection against strong mineral acids upto 70 % and oxidizing acids, organic and fatty acids, oil, fats, and many solvents. phenolic " C " 100 % carbon filled mortar is recommended to protect against HF, fluoride salts etc.

STORAGE & SAFETY:

Always keep solution & powder in cool dry place in sealed container and bag, away from direct sunlight, moisture. If stored as above and in sealed container at 20 C, shelf life of solution will be 3 months, and powder 6 months.

PACKING:

Solution: 25 KGS & 200 Kgs. (net) in good quality MS drums. Powder: 50 kgs (net) in LDPE + HDPE bags.

HEALTH & SAFETY:

It is advisable to wear protective wears at the time of use of phenolic and all other our products. In case of contact with skin & eyes wash with plant, of water and consult a doctor. This information, given above in good faith, is based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control.

K-Silicate

This is Silicate type, two component chemical setting mortar. It is recommended against permanently acidic condition, and can withstand much higher temperature compared to other resin type & sulfur type mortar



K-Silicate Acid Resisting Mortar

AREA OF APPLICATION :

K-Silicate is principally used with acid resisting bricks and tiles for acid resisting masonry construction, because of its very low costing compare to other Resin base Mortar. It is highly recommended to protect Acidic Gas in Chimneys, incinerators and other high temperature & corrosive equipment.

PHYSICAL PROPERTIES :

Color	Brown
Mix Ratio by Wt. Solu. to Powder	1 : 3
Compressive Strength Kg/cm ²	150
Flexural Strength Kg/cm ²	150
Bond Strength Kg/cm ²	5
Water Absorption (Toluene test)	18%
Max. Temp.	900' C'
Setting Time in Hours	8-10 Hrs.



K-Silicate Acid Resisting Powder

SPECIFICA GRAVITY :

K-SILICATE Solution (@ 30' C') : 1.38 to 1.42

METHOD OF APPLICATION MIXING :

K-Silicate is prepared by mixing solution & powder to form workable mortar. The recommended ratio of mixing is 1 part solution to 3 parts powder by wt. This ratio will vary depending upon ambient temperature and working conditions. Use clean dry mixing pan. Place appropriate quantity of solution in mixing Pan, and add powder slowly and start mixing thoroughly, until you get smooth paste like mortar. Do not mix more material, then, can be used within 30 minutes.

APPLICATION :

Mortar is buttered on acid resistance brick/tile as usual bricklayers Method. Brick/tile also should be clean, dry and at ambient temperature. After hardening of the joints, it should be treated with 10 % Hydrochloric acid before the acid resisting lining is place in use. During & after completion of lining, area must be kept dry and free from any other materials and traffic, which can affect setting & curing of K-silicate.

CHEMICAL RESISTANCE :

K-Silicate when completely set hard, resistant to high concentration of oxidizing acids, inorganic acids and salts and most organic solvents at high temperature. It is not recommended against Hydrofluoric acid, fluorides, fluoride salts, water, diluted solutions, alkalis etc.

STORAGE & SHELF LIFE :

Always keep solution and powder in cool, dry place and away from direct sunlight, moisture etc... if both Powder & Solutions are Stored as per above condition and in sealed container, Shelf-Life of Solution : 12 Months & Powder : 12 Months.

PACKING (Solution) :

50 Kg. & 300 Kg. (net) good quality M.S drums, Powder : 50 Kg. (net) LDPE+HDPE double bags packing.

HEALTH & SAFETY :

It is advisable to wear protective wears at the time of use of K-Silicate and all other our products. In case of contact with skin or eyes wash with plenty of water and consult a doctor. This information, given in good faith, is based on results gained from experience and tests. However, all recommendations or suggestions are made without any guarantee since the conditions of use are beyond our control.

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K-Silicate Acid Resisting Solution

Sulphur : Hot-Melt type



SULPHUR
Acid Resisting Cement

This is a hot-pour, plasticized sulfur base compound, mainly used with acid resisting bricks to protect floors, pickling tanks, sumps etc. Sulfur is used with acid resistant brick and tile to protect storage tanks, floors, drains, sumps, pits, pickling tanks in steel & electro plating industries, tube mills etc.

PHYSICAL PROPERTIES :

Color	Black
Mix Ratio by Wt. Solu. to Powder	HotMelt
Compressive Strength Kg/cm2	275
Flexural Strength Kg/cm2	70
Bond Strength Kg/cm2	5
Water Absorption	1%
Max. Temp.	90 C'
Setting Time in Hours	2 Hrs.

METHOD OF APPLICATION:

Break the sulfur bricks into very small pieces and place in clean, dry heating pan. Start melting it with slow heating and stir it while heating until you get free flowing smooth liquid. Then pour between the joints of acid resistance bricks/tiles. Avoid air pocketing while filling the joints.

CHEMICAL RESISTANCE :

Sulfur is recommended against non-oxidizing acids, diluted oxidizing acids and acidic and neutral salts at recommended temperature. It is not recommended for use against alkalis, Hydrofluoric acid, fluoride salts etc. For this, 100 % carbon filled sulfur "C" is available.

STORAGE & SAFETY :

Always keep sulfur away from direct heat and in dry place. It can be stored like this, for unlimited period.

PACKING :

Sulfur is supplied in 50 kgs (NET) bags.

HEALTH & SAFETY :

It is advisable to wear protective wears at the time of use of SULFUR and any other our products. Provide adequate ventilation while melting. Handle with care when hot. In case of inhalation of fumes, remove person to fresh air. In case of contact with skin or eyes, contact a doctor immediately. This information, given in good faith, is based on results gained from experience and tests. However, all recommendations or Suggestions are made without guarantee since the conditions of use are beyond our control.

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Primer



Industrial Asphalt based Anti-corrosive Primer is available in Black colour. It is Suitable to All type of surface i.e Concrete, Steel or Wood. And best protection against Atmospheric Corrosive environment.

To Protect substrate against corrosive attack, it is recommended to apply two coats of our Anti-Corrosive Bituman Primer followed by further finish coats, screed lining or bricks – Tiles – Mandana Stone Flooring work.

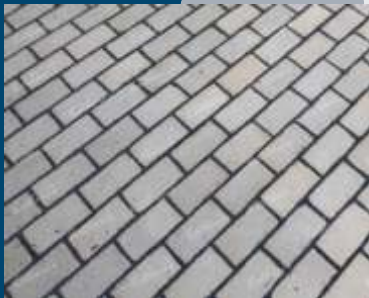
Acid Resisting Bituman PRIMER having Two Year Self-Life, it can be Stored Under Covered Shed & at Ambient Temperature for Long time*. It is most suitable to protect different type of sub-striate against atmospheric corrosion and chemical corrosion.

AREA OF APPLICATION:

- A. R. Primer can be applied on variety of sub-striate like steel, concrete, wood.
- To Protect Steel Structure : Tanks, Pipes, Girders, Marine structure either exteriors or interiors.
- Acid Resisting PRIMER is very widely Used on Concrete surface as a Primer where further Acid Resisting Bricks – Tiles or Mandan Stone Lining / Flooring works are Recommended.

PHYSICAL PROPERTIES:

Viscosity @ 25 C by Ford cup B4 in Sec.	90-120
Drying time @ 25 C.	1 hr
Bonding to Steel / Concrete/ceramic / MS	Excellent
Shelf Life (in sealed container only)	2 Year.
Full Trying (27' C')	8 Hours



METHOD OF APPLICATION:

Concrete should be sound, properly cured for min. 28 days, damp free, even in line, free from any loose cement mortar and any loose particles, before application of A. R. Primer and any type of further acid resisting brick/tile lining installation.

APPLICATION:

- The material in the container should be properly mixed before application.
- A. R. Primer can be applied with good quality of painting brush in a uniform thickness. Consumption of material will depends on surface condition and absorption of the concrete. Two coats recommended for best performance. Allow 2-3 hrs. Drying time between each coat.
- On MS surface, sand blasting is recommended for good bonding with sub-striate, follow by two coats of A. R. Primer anti-corrosive primer.

CHEMICAL RESISTANCE PROPERTIES :

STORAGE:

Acid Resisting Bituman Primer should be stored in properly sealed containers away from direct sun light, heat and flame. Reseal container after use.

PACKING :

25Lts./35Ltr. And 200Lts. Good Quality M. S. Container.

HEALTH & SAFETY :

It is advisable to wear protective wears at the time of use of A. R. Primer and all other our products. In case of contact with eyes, clean with plenty of water and consult a doctor. This information, given in good faith, is based on results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control.

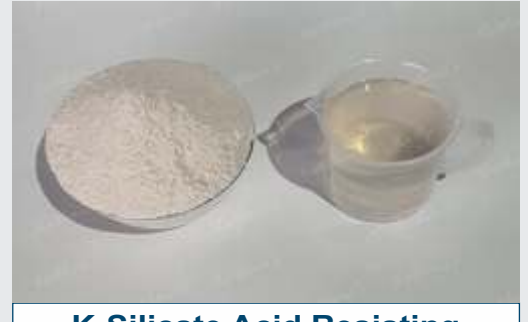
WARNING:

#The Information about our Acid Resisting Products are given in good Faith And based on our Experience and Tests. However, all Recommendations or Suggestions are made without Guarantee. Since the Conditions of Use is beyond our Control.#

Our Products



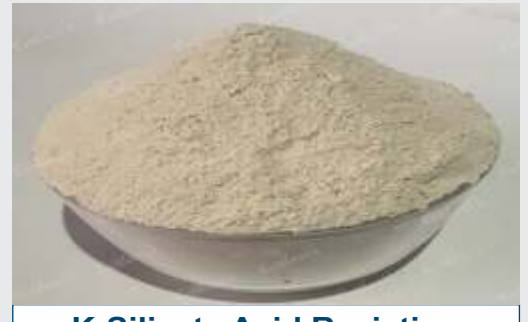
Acid Resisting Mortar



K-Silicate Acid Resisting Mortar



Acid Resisting Powder



K-Silicate Acid Resisting Powder



Resin Base Mortar



K-Silicate Acid Resisting Solution



**SULPHUR
Acid Resisting Cement**



Mastic Work Hot Melt Powder



Our Major Clientele

We offer Acid Proof Bricks Lining, Epoxy Screed, Epoxy Grout. We take pride in a long list of satisfied clients who have shown complete trust in us and our solution and services.

Repeat orders form as high as 85% of our clients is a testimonial to our quality of our products and servicing & Coating, Mastic Powder in wide range in any chemical industries floors, drains, storage & reaction vessels etc.





BHAVANI REFRACTORIES

CORROSION CONTROLLER

Address:

Plot No. 12, Madhuban Society, Near Pashupatinath Temple,
GIDC., Ankleshwar Dist. Bharuch, Gujarat, India

Contact Person:

Mr. Rakesh Kumar

Telephone:

+91 94261 33057 / +91 98245 54805

E-mail:

info@bhavanirefractory.com