

# YASH CONCHEM PVT. LTD.



AN ISO 9001:2015 & 14001 : 2015  
(EMS) CERTIFIED COMPANY

**YASH CONCHEM (P) LTD**, Chennai established by qualified engineers and technocrats who have put in over 25 years of firsthand experience, with international standards, in developing, manufacturing and application in the construction chemical industry.

As our motto reads, **“Riding the wave of future with global expertise,”** we build our business based on the latest technology and products available in the construction industry across the globe. The manufacturing facility is located at Redhills, one of the prime industrial areas in Chennai. The factory is fully equipped with latest technology and laboratory. Our **R & D** plant at the manufacturing facility develops new products to cope up with the ever expanding construction chemical industry across the globe.

Our support team comprises of well experienced civil and chemical engineers trained in **India & Abroad**, who are competent and skilled in providing solutions to meet the customer requirements at an affordable cost.

We are a fledgling construction chemical manufacturing company who had ventured into producing latest generation concrete admixtures and various others as mentioned below.



Our production, distribution and marketing team are one of the youngest teams, which comply with quality and best service to attain the motto of **“Riding the wave of the future with global expertise.”**

We have **AN ISO 9001:2015 & 14001 : 2015 (EMS) CERTIFIED COMPANY**

About Us

# Our Offered Products:

- **Concrete Admixtures**
- **Surface Treatments**
- **Grouts & Anchors**
- **Concrete Repair**
- **Flooring Systems**
- **Protective Coating**
- **Waterproofing Treatment**
- **Epoxy / Cementitious Flooring**
- **Concrete Repair & Protection**
- **Joint Sealants**
- **Tapes / Mesh / Fiber**



# Repair Surface Treatments

## YASH MICRO CONCRETE:

### Free flow high strength micro concrete.

Excellent Adhesion with parent concrete positive grip with reinforcement, efficient restoration material, Non shrink. Attains high strength low permeability. Contains no Corrosive Substances. The repair can be done quickly without disturbing the surrounding.

Coverage : 25kg + 4.25 lt water yield 13.5lt.

## YASH CRACKMATE:

### CRACK FILLING MORTAR.

Crack filling agent for concrete/ masonry walls. Easy to apply. Non shrink. Recommended for filling unsightly cracks an masonry / concrete surfaces. Good adhesion with the edges of cracks & prevent further crack propagation.

Coverage: 1kg will fill approx 30-40mm length to cracks cut into 6mm deep V-groove.

## YASH EPO MORTAR 102

### High performance epoxy resin based mortar

Excellent adhesion. Excellent resistance to weathering & chemical attack.

Coverage : 9.5kg pack will cover 0.45sqmt (thickness 10mm).

## YASH EPO MORTAR HS

### High strength epoxy resin based mortar

High early & ultimate strength, excellent adhesion, Non shrink. Excellent bonding.

Coverage : 7.5kg covers 0.75 sqmt.

## YASH EPO patch 842

### Epoxy Putty.



Three component epoxy based putty used for rectification of undulations, cracks, cavities, vertical & horizontal surfaces. Does non shrink on curing and has

excellent resistance to weathering & chemical attack.

Coverage : 1kg pack covers 0.5 to 0.6 sqmt.

## YASH EPO PATCH PG:

### High performance polyester resin repair mortar.

Sets harder than concrete. Excellent bond with mother concrete/masonry. Extremely handy for applications where rapid setting is essential. Ideal for repairing critical structural repairs, blowholes and Ericson pockets in concrete faces.

## YASH PLAST WP:

### Polymer modified wall putty for Exterior and Interior smooth for paint application

Excellent bonding to surface. water resistance, Self curing. Coverage: 1kg covers 2-3 Sqmt on smooth surface.

## YASH RELEASE:

### Mould release agent.

Mould release agent based refined emulsified mineral oil to be diluted with water. Gives Excellent surface finish. Economical and easy to use. No strains of oil on concrete surfaces.

Coverage: 1ltr covers 140-160 Sq mt (1 ltr +5 ltr water).

## YASH RELEASE WB:

### Ready to use low viscose mould release agent.

To improve the finish of air faced concrete surfaces, to increase the life span of steel, timber and plastic form work.No stains of oil on concrete surfaces.

Coverage:1lt covers 20-30 Sqmt.

## YASH PLAST WP PASTE:

### Polymer modified wall putty in paste form for exterior and interior smooth for paint application in construction

Excellent bonding to surface, water resistant, self curing. Coverage:1kg covers 3 to 4 Sqmt on smooth surface.



## YASH EPO COAT ZRP:

### Epoxy Based Anticorrosive Coating.

Excellent chemical resistance. Provides protection for concrete and steel structures from weathering and mechanical damages. Available in different colours.

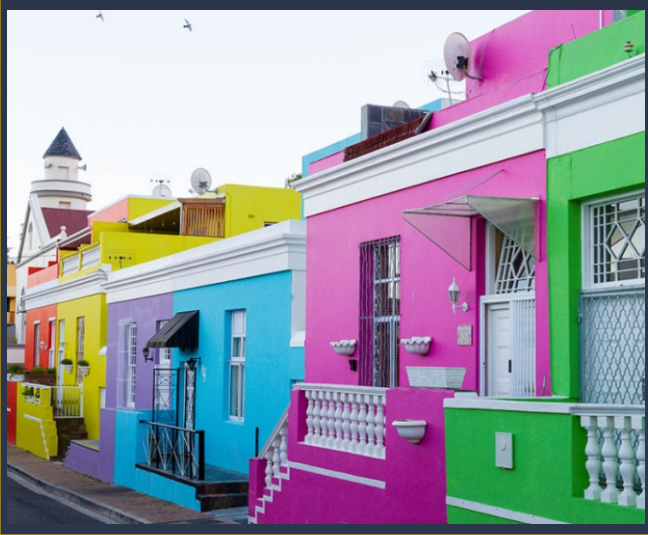
Coverage: 1kg 10-12 sq.mt for 2 coats.

## YASH AC COAT:

### Protective & Decorative Anti Carbonation Coatings

Allows surface to breathe anti carbonation properties. High degree of elasticity. water repellent. Provide against algae & fungi. Available in different colours

Coverage :3.5-4 sq.m per kg for 2 coats



## YASH EPO COAT BITU:

### Bitumen based high performance epoxy coating.

Two component productive coatings based on tar/epoxy with low solvent content. Used as protective coating on concrete and steel surfaces. Especially used in sewage plants and hydraulic steel constructions as well as in chemical processing plants.

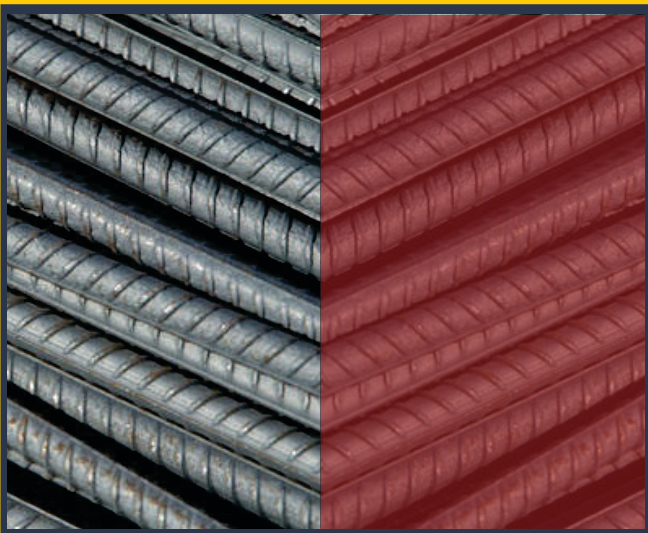
Coverage: 5kg pk cover 8-10sq.mt for 2 coats.

## YASH POLY COAT AC:

### Polymer based protective anti corrosive coating for steel and reinforcement.

Provides anti corrosion protection for steel and reinforcement, easy to apply by brush, roller or spray. Excellent bond with steel and concrete.

Coverage : 1kg pack covers50kg of 12mm dia meter steel.



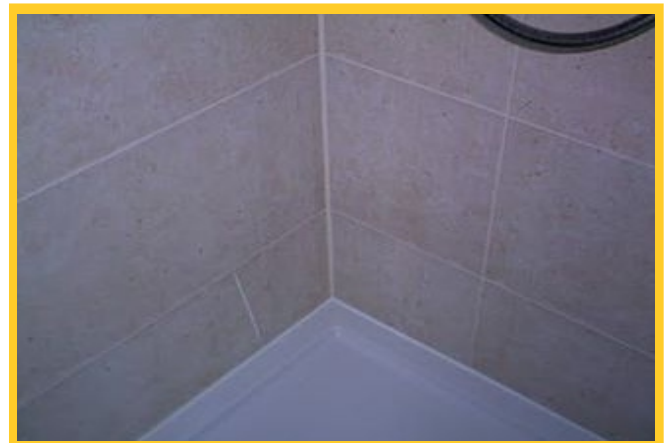
# S ealants



## YASH SEALANT 665:

### Two poly sulphide sealant (Gun Grade)

High performance synthetic rubber sealant accommodates movements of joints. Excellent adhesion for most construction surfaces and also to metals. Applications includes expansion joints in mass concrete and works like subways, reservoirs, basements, retaining walls, bridges, walls, water retaining structures, sealing of curtain walling in fill panels etc.,



## YASH SEALANT AS:

### Acrylic sealant.

Forms a tough seal, excellent adhesion to variety of substrates. Recommended for Interior Crack repair, internal perimeter scales and internal walls and ceilings, wash basins and walls, joint areas under totally dry conditions.

## YASH SEALANT SS:

### Silicon sealant.

Superior cong weathering ,UV resistance Ideally used for metal painted surfaces glass, ceramic, enamel, pvc etc.

# P rotective

## **YASH CURE-SS (WHITE):**

### **Curing compound with white pigmentation.**

Reacts chemically with free lime and stops dusting in floor. Easy to apply on industrial and commercial floors curing compound.

Coverage: 5-6 sqmt per ltr.

## **YASH EPO PRIMER :**

### **Epoxy resin primer. Primer for epoxy coating.**

Seals the concrete surfaces colour less increased to resistant to abrasion and chemical attack.

Coverage: 5-7 sqmt per ltr for 2 coats.

## **YASH EPO SCREED 103:**

### **Epoxy floor screed.**

4mm to 6mm heavy duty screed with excellent chemical resistance, high flexural, compressive strength. Easy to use. Impact and abrasion resistance.

Coverage: 25kg covers 2.3sqmt at 5mm thickness.

## **YASH EPO SLF 133:**

### **Epoxy based self leveling compound.**

Easy to lay and clean, very good chemical resistance to many industrial chemicals. Provides dust free seamless floor. Ideal for industrial or commercial locations, for hospital rooms, electronic assembly plants etc.,

Coverage: 18kg will covers 5-5.5 sqmt at 2mm thickness.

## **YASH EPO FLEX SEAL: (104)**

### **Flexible solvent free epoxy adhesive and sealant.**

A flexible epoxy sealant designed specially used in building and construction. Suitable for filling saw cut joints and cracks. Excellent abrasion and chemical resistance.

Coverage: 3.3 sqmt per kg for bonding application.



# C oatings



## **YASH EPO COAT 104:**

### **Solvent free epoxy coating.**

Epoxy based industrial floor coating paint system. Resistance to wide range of chemicals and abrasion, excellent adhesion to floors. Improved aesthetics, hygienic and smooth. Applied on vertical surfaces and ceilings of buildings to resist aggressive chemicals and produce hygienic environment, for food processing industries, operation theaters, swimming pools, as a productive coating to aggressive chemical environments, battery rooms etc., on concrete and steel structures.

Coverage: 5kg covers 7-9 sq.mt for 2 coats.



## **YASH EPO COAT 204:**

### **High chemical resistance epoxy coating.**

Excellent chemical resistance, excellent adhesion, quality effective on concrete and metal surfaces, hygienic, abrasion resistance, non shrink easy to apply. Used as chemical resistance coating for concrete walls, metal tanks, labs, ducts, chemical plants, storage tanks, sewage treatment tanks, petrochemical tanks etc.,

Coverage: 5kg covers 7-9 sqmt for 2 coats



# Industrial Grouts

## YASH GROUT-1:

### Non shrink, free flow cementitious grout

Cementitious, high strength, free flowing, non shrink grout for industrial applications. Excellent fluidity for easy placement. Ideal for static loads.

Yield: 25kg + 4.25 Ltr water yield: 13 ltr.

## YASH GROUT-2:

### Non shrink, free flow, extra high strength cementitious grout

Ready to use only addition of specified quantity of water to mix mechanically, controlled expansion ensures cent percent surface contact area, chloride and iron free. Used for grouting heavy machineries, base plates, bolt pockets for DG sets generator, Crane rails, compressor etc.,

Yield: 25kg + 3.75 Ltr water Yield 12.8 Ltr.

## YASH FLOW-EX:

### Plasticised Expanding Grout Admixture

Non shrink, expansive, high strength grout admixture. Good flowability. Used for pressure grouting with cement slurry of honey combed, porous concrete, structures, Duct and bed grouting, Injection Grouting of pre stressed cable ducts etc.,

Dosage: 200gm/50 kg cement.

## YASH EPO GROUT 132:

### Epoxy resin grout.

Very high flowability, non shrink, attains high early and ultimate strength. High chemical resistant epoxy resin system.

Yield: 10 Ltr per pack approximately.

## YASH LOKSET:

### Polyester resin based anchor grout.

High early strength gain, non shrink, corrosion resistant, can be loaded with in hours of installation, vibration resistant. Used for fixing of reinforcement rods, foundation bolts, anchoring of attachments to concrete rocks, crane rails and railway track attached to concrete.

Yield: 1 kg yield 0.5 ltr.



# Industrial Floor Surfaces

## YASH FLOOR TOP-HD:

### Non metallic. Ready to use concrete floor hardener.

Non-Metallic. Non-dusty and Non slip flooring system. Suitable for extra heavy duty traffic floor. Excellent abrasion and impact resistance.

Coverage: 25kg covers 1 sqmt (10mm thickness)

## YASH FLOOR TOP:

### Non metallic. Ready to use concrete floor hardener.

High abrasion resistance, forms monolithic bond with base concrete, Non metallic. Does not rust or stain, easy to apply and economical. Ensures outstanding abrasion resistance.

Coverage: 5kg covers 1 sqmt.



## YASH FLOOR TOP-S:

### Non metallic. Ready to use concrete floor hardener.

High abrasion resistance, forms monolithic bond with base concrete, Non metallic. Does not rust or stain, easy to apply and economical. Ensures outstanding abrasion resistance.

Coverage: 5kg covers 1 sqmt

## YASH CURE-SS:

### Concrete curing and dust proof compound .



Reacts chemically with free lime and stops dusting in floor. Easy to apply on industrial and commercial floors curing compound.

Coverage: 5-6 sqmt per ltr

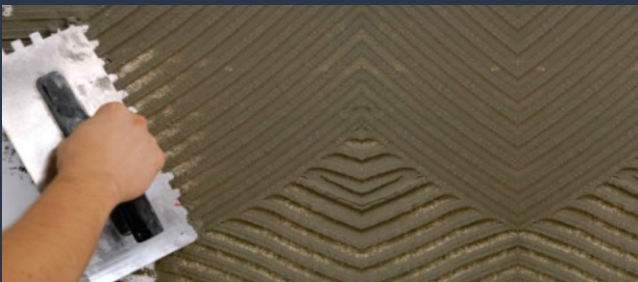
# Tile Adhesives & Joint Fillers

## YASH TILE BOND:

### A Single component ceramic tile adhesive.

A single component tile adhesive suitable for fixing tiles on concrete, cement or lime mortars. Suitable for use in damp and totally submerged condition. High bonding strength, Good workability and open wet times of 20 mins at 35°C

Coverage: 25kg pack covers 5 to 8 sqmt



## YASH TILE BOND-HD:

### Adhesive and mortar for tile fixing.

Cement based bonding adhesive for fixing tiles, Ready to use powder form adhesive for fixing ceramic, mosaic, granite, marble, tiles. Good bonding even on smooth surface, Water proof, Good flexibility, resists thermal movement.

Coverage: 25kg pack covers 5 to 8 Sq mt.

## YASH GROUT TP:

### Pigmented cement based tile joint Grout

Ready to use, only water to be added, available in wide range of colours water resistant. High quality joint fillers for tilling the tile joints so as to create strong tile joints. e-joints. Non cracking and powdering.

## YASH EPOXY TILE GROUT:

### Three Component Epoxy tile Grout.

Three component epoxy germ proof grout. Resist bacterial growth, water resistant, Acid / Salt resistance. Available in wide range of colours. Mainly used for tile joints in laboratories, hospitals, beverages, dairies computer rooms, battery rooms.



# Repairs & Surface Treatments

## YASH BOND SB:

### Water proof Acrylic modifier and bonding agent for cementitious mixes.

Excellent bonding with building materials, outstanding water resistance. Good chemical/ salt resistance. Good flexibility.

Coverage: 15kg +10 ltr water per 50kg cement.

## YASH BOND SBR:

### Styrene butadine polymer bonding agent cum cement mortar / concrete modifier.

It is a bonding aid and gagging liquid for cementitious systems. It is resistance to hydrolysis and can there fore used for external applications also. Used to modify the concrete repairing distressed RC members and modify mortar as waterproofing and water rendering.

Coverage: 25kg +25 ltr water per 50kg cement.

## YASH PRIMIER 2C :

### Primer for cementious repairs.

Two part acrylic polymer based bonding agent for old to new concrete. Excellent bonding strength.

Coverage: 1kg pack covers 3 to 4 Sqmt.

## YASH EPO BOND 801:

### Two Component Epoxy Bonding agent.

Solvent free epoxy bonding agent which gives high bond strength, extended overlay time, acts as a barrier coat to the migration of chloride ions from the host concrete, develops high flexural and tensile strength. Bonding agent for old to new concrete

Coverage: 0.3kg per Sqmt of surface approximately.

## YASH REPAIR MORTAR:

### Prepacked cementious repair mortar.

Designed for cost effective repairs to splatted or damaged concrete. Resists cracking and shrinkage.

Yield: 28kg pack yield 11.2 liters.





# C Concrete

## **YASH SUPER PLAST-11:**

### **Water reducer cum plasticizers.**

Increased workability, strength and density without increase in cement content.

Dosage: 150ml - 250ml/50 kg cement.

Standards: BS5075 part-1 IS 9103 ASTM C-494 Type A

## **YASH SUPER PLAST-22:**

### **High Range Water reducing Admixture**

Provides high workability/pumpability mix. Provides high early and final strength. High reduction of water is possible without affecting workability. Reduce water/cement ratio by 12-15% for given workability.

Dosage: 150ml - 500ml/50 kg cement.

Standards: BS5075 part-1 IS 9103 ASTM C-494 Type F

## **YASH SUPER PLAST:**

### **High range super plasticizing admixture.**

High workability without addition of water. High slump retaining ability increased strength without extra cement.

Dosage: 300ml - 700 ml/50 kg cement.

Standards: BS5075 part-1 IS 9103 ASTM C-494 Type F

## **YASH SUPER PLAST (SPECIAL):**

### **Retarding Plasticiser.**

Liquid concrete Plasticiser and water reducing agent with a set retarding effect.

Dosage: 150ml - 500ml/50 kg cement.

Standards: BS5075 part-1 IS 9103 ASTM C-494 Type D

## **YASH PLAST-ACF:**

### **Chloride free accelerating admixture.**

Provides rapid development. Strength makes quick demoulding possible.

Dosage: 1000ml - 1500ml/50 kg cement.

## **YASH SEAL PROOF (CB):**

### **Accelerating Admixtures (Chloride Based)**

Quickens setting time. Increases workability makes placing carrier for emergency repair works.

Dosage: 700ml - 1700ml/50 kg cement.



# A Admixtures

## **YASH PLAST MASTER:**

### **Air entraining Plasticiser**

Ready to use highly concentrated air entraining concrete admixture.

Dosage: 100ml - 160ml/50 kg cement.

## **YASH PLAST GF:**

### **Glas Fiber.**

Crack inhibition, increased tensile strength, decreased water permeability, less shrinkage, environmental friendly. Easy dispersion in the mix.

Dosage: 85 gm /50 kg cement.

## **YASH MORTAR PLAST:**

### **Liquid Mortar Plasticiser.**

No mortar stiffening, segregation, or bleeding less prone to drying shrinkage cracks, increase adhesion cost effective. Increase mortar yield by 10-12%

Dosage: 100ml - 300ml/50 kg cement.



## **YASH SEAL PROOF IWL:**

### **Integral Water Proofing liquid admixtures.**

Integral Water Proofing admixture for concrete and mortar, improves workability, makes concrete water tight, dispersion instantly with gauging water. Standards: IS 2645-2003

Dosage: 150ml/50 kg cement.

## **YASH SEAL PROOF IWL (P):**

### **Integral Water Proofing Powder.**

Integral Water Proofing powder additive for concrete and mortar. Improves workability, produces dense and homogeneous concrete, prevents corrosion of steel by reducing capillaries. Reduces water absorption of concrete and mortar without causing strength reduction.

Dosage: 500 gm/50 kg cement.

# W<sub>ater</sub> P<sub>roofing</sub> S<sub>ystem</sub>



## **YASH hSEAL :**

### **Single Component Water Proof Coating.**

Excellent bonding, durability and water tightness. Block the capillaries with substrate. Allows surface to breath.

Coverage: 25kg + 8.5 kg - 9 kg water covers 15-24 sqmt 2 or 3 coats recommended.

## **YASH SEAL PROOF-181:**



### **Elastomeric Acrylic cementitious waterproof membrane Coating.**

Two component system having excellent adhesion to concrete surface, coating flexible to bridge airline cracks. Can take both positive and negative pressure breathable fiber reinforced for anti crack property.

Coverage: 28kg pack 16-18 sqm for 2 coats

14kg pack 8 - 9 sqm for 2 coats

## **YASH FLEX-EM:**

### **Elastomeric waterproofing coating.**

Excellent water resistance, abrasion resistance. Resistance to freezing and thawing. Considerable flexibility and elongation, suited for new building as well as repair of old ones.

Coverage: 10 kg covers 18-22 sq.mt.

## **YASH BRICK PROOF:**

### **Cementitious waterproof render.**

Excellent water proofing properties for brick work and other substracts with low free lime content. Excellent adhesion allows surface to breathe.

Coverage: 10kg covers 17-22 sqmt.

## **YASH TANK PROOF:**

### **Trowel applied water proofing.**

Water proof mortar for tanks where hydrostatic pressure exist. Fiber reinforced for anti-crack property.

Coverage: 25kg + 5-6 kg water covers 2.6 sqmt per coat. 1 to 2 coats recommended.



## **YASH PLUG:**

### **Rapid set plugging mortar.**

Fast setting hydraulic compound with instantly stops gushing water or seepages.

## **YASH HYDRO PRIMER:**

### **Single Component Water Based Primer For Interior & Exterior.**

Yash Hydro primer can be thinned to application viscosity by adding appropriate amount of water. It's special features are easy brushing, excellent covering, alkali resistance, quickly drying & good sealing properties. It is specially fortified with fungicides.



## **YASH CURE - WB:**

### **Wax emulsion based curing compound.**

Preventing early water evaporation from concrete and eliminates surface crack formation one time application. Used for vertical structures like chimneys, rods and bridge works, airport runways, cooling towers, mass concrete faces etc.,

Coverage: 5-6 Sqmt per liter.

*Nota:*

# YASH CONCHEM PVT. LTD.



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