

CIS CLEAN MASTER

CLEANING SOLUTION FOR MOSAIC, CERAMIC, GLAZED TILES, WASHBASIN, PRIVY BASIN

PRODUCT CATEGORY: REPAIR

PRODUCT DESCRIPTION

CIS CLEAN MASTER is a high quality rapid active cleaner and degreasing solution for use on tiles, bath tubs, wash basin, privy basin and concrete etc. Whitish spot/layer as normally observed in the bathroom under plastic/metal buckets (normal detergent is not helpful) can be removed with ease.

Rapid removal of white yellowish spot/layer along with water stains over tiles, cement stains, grime, oil, paint stains, grease, moss and wax from concrete, asbestos, terrazzo and ceramics.

FEATURES & BENEFITS

Does not damage joints between ceramic tiles, even those grouted with coloured Products. Remove stains easily. Degreases the tile surface easily for soaps, scum, efflorescence, mineral deposit. Cleans for ceramic, porcelain & vitrified tile & Grout. Does not effect glaze of tiles.

AREAS OF APPLICATION

Cleaning of surface of floors in kitchen, bathrooms, garages, factories, general building sites where efficient cleaning is required.

An ideal material for cleaning the surface before application of epoxy products. Cleaning for degreasing tiles in bathroom, toilets, wash basin etc. Can be used for routine tile cleaning with mop in bathroom & floors

METHOD OF APPLICATION

For mild blemish spots/ layers, mix CIS CLEAN MASTER with water and soak the cloth or sponge in the diluted solution and rub the surfaces till the spots/layers are removed. For stubborn spots/ layers neat CIS CLEAN MASTER liquid (without mixing with water) shall be used for cleaning.

For cleaning of mild blemish spots/ layers, dilute RCC 1 : 1 proportion with water. Use soak cloth or sponge and clean the surface till the spots/ layers are removed.



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PRECAUTIONS & LIMITATIONS

It is advisable to use clinical gloves while using CIS CLEAN MASTER as some people with sensitive skin may experience mild itching or irritation.

CIS CLEAN MASTER before using for cleaning of coloured concrete, granite, marble stone flooring with corner test because it may etch the surface. (If stone shows discolouration up to 24 hrs. after application, do not use product).

PACKING

5 litre, 10 litre, 50 litre

SHELF LIFE

12 Months from MFD

CIS RUST – O CLEAN

LIQUID FOR CLEANING RE-BARS & STEEL SURFACES

PRODUCT CATEGORY: REPAIR

PRODUCT DESCRIPTION

CIS RUST O - CLEAN is based on chloride free chemical & additive solution in water. It is used as rust remover which effectively cleans rust from steel surfaces, before application of any protective coating.

TYPICAL APPLICATIONS

- On re-bars during repairs to reinforced concrete structures.
- Maintenance of mild steel structures like tanks, water pipelines, shuttering plates and other corroded steel surfaces.

FEATURES

- Ease of application - Ready to use, easily applicable by brush.
- Penetration & effect - Effective rust removal even from areas difficult to reach & penetrate.
- Chloride free - Contains no chloride hence no chance of enhancing further corrosion.
- Economical - Cost effective because of good coverage.

METHOD OF APPLICATION

SURFACE PREPARATION

In case of heavy rusting of steel reinforcement, M.S. pipelines, M.S. plates or any other M.S. surface, remove the loose rust by wire brushing, chipping, hammering or grinding so that majority of rust scale is removed.

APPLICATION

- Apply CIS RUST O - CLEAN on affected surface by using cotton waste swab or by brush application. Leave the surface to react with CIS RUST O - CLEAN for at least 15 to 30 minutes.
 - The rusty surface will change its colour to original blackish steel, remove the same with cotton cloth. Then remove the loose rust particles by scrubbing or simple dusting with the brush.
- Wash the steel surface with water jetty to remove all the acidic residue left on the bar, and clean with cotton cloth



CIS RUST – O CLEAN

LIQUID FOR CLEANING RE-BARS & STEEL SURFACES

PRODUCT CATEGORY: REPAIR

PRECAUTIONS & LIMITATIONS

CIS RUST O - CLEAN is acidic in nature, when applied to clean the rusted rebars. Ensure that traces of acid are removed completely by washing with a water jet, before applying coatings or primers. For thorough removal of rust and cleaning steel bar to SA 2 1/2 standards, sweep blasting is recommended.

PACKAGING

1 Litre

COVERAGE / USAGE

Approximately 15 to 20 m² / litre

HEALTH & SAFETY PRECAUTIONS

As with all chemical products, caution should always be exercised.

Use of safety hand gloves is recommended.

Treat any contact to the skin or eyes with fresh water immediately.

Should any of the products be accidentally swallowed, do not induce vomiting but call for medical assistance immediately

CIS CRACK FIX

NON SHRINKING HIGH STRENGTH MODIFIED FILLER FOR CRACK REPAIR

PRODUCT CATEGORY: CRACK FILLER CEMENT

PRODUCT DESCRIPTION

CIS CRACK FIX POWDER is a cement based powder material for filling cracks in plastered surfacetatic Cracks filled with CIS crack fix Powder enhances the subsequent paintings quality and life.

AREAS OF APPLICATION

- To fill the static cracks of upto 5 mm sizes in horizontal or vertical areas of buildings & structures.
- To level the undulation of the unplastered or plastered ceilings and walls before painting.
- To provide smooth finish to brick, stone, and wood works.

METHOD OF APPLICATION

SURFACE PREPARATION

- Remove old caulk from joints. The edges of the joints should be neat and sound.
- Make sure that surface is clean & free from puddle of water.
- The surface should be free of loose debris.
- Contaminations of oil, grease or bitumin should be completely cleaned.
- Damp wood should be allowed to dry out and decayed wood should be removed.
- Roughen smooth surfaces to give a good key.

APPLICATION

For crack filling – Fill the mixed paste into the crack by spatula or putty knife blade. Fill excess material and tool it by putty knife blade pressing against crack so that air voids get filled. By wet finger tool the surface of material in to a concave nature by pressing against joint edges.

- For Surface leveling – The mixed smooth paste should be applied by painter blade on the dampened wall or ceiling. The material should be applied at the desired thickness in bottom- to -up fashion to avoid blade marks. For multiple coat applications the previous coat should be allowed to cure for minimum 6 hrs. The subsequent coat should be at the right angle to the previous coat.



CIS CRACK FIX

NON SHRINKING HIGH STRENGTH MODIFIED FILLER FOR CRACK REPAIR

PRODUCT CATEGORY: CRACK FILLER CEMENT

- For wood grain & pipe lagging – For wood grain, apply the buttery consistency mixed material by brush. Mix mineral wool with the buttery mix for pipe lagging & awkward places.

COVERAGE

16- 20 running meters/kg for 5 mm x 5 mm groove

SHELF LIFE & STORAGE

12 months from date of manufacturing. Store in a cool & dry place, away from sun light

PACKING

5 KG, 25 KG

CIS LEAK PLUG SUPER

RAPID SETTING POWDER FOR WATER LEAKAGE & REPAIR

PRODUCT CATEGORY: REPAIR

PRODUCT DESCRIPTION

CIS LEAK PLUG SUPER is an instant leak plugging compound. It is ideal for instantaneous sealing of leaks and plugging wet cracks in concrete and masonry surfaces. It is specially formulated to stop the flow of running water.

AREAS OF APPLICATION

Basements, pits, dams, cellars, tunnels (ducts), concrete pipe, water retaining structures and rcc water tanks

PRECAUTION & LIMITATIONS

CIS LEAK PLUG SUPER will plug leakages only on cementitious substrates. Only used for plugging leakage instantly, till permanent repairs are carried out. Permanent repairs must be carried out using appropriate products of CIS INFRACHEM PVT LTD.

APPLICATIONS

Surface preparation Repair areas should be cut back to 15 mm. depths minimum. Feather edges must not be allowed. Surface should be clean without loose material dust; laitance and anything affect bonding between cementitious substrate and material

MIXING

- CIS LEAK PLUG SUPER should be added to clean water by 1 kg per 0.20 liters of water. CIS LEAK PLUG SUPER Mix in a suitable mixing bucket by using a trowel or glove hand.
- CIS LEAK PLUG SUPER is a rapid setting cementitious product. Mix only a quantity which can be placed in setting time. After making them to feel warm, it can be filling. It can plug in the prepared pan. Press the immersing tightly for a moment and feel the material hardens.
- CIS LEAK PLUG SUPER it hardens within 1-2 minute.



CIS LEAK PLUG SUPER

RAPID SETTING POWDER FOR WATER LEAKAGE & REPAIR

PRODUCT CATEGORY: REPAIR

APPLICATION APPLIED

CIS LEAK PLUG SUPER in repair area and ensure product maximum contact to substrate before setting time. CIS LEAK PLUG SUPER should be used and held in place until the initial setting time

TECHNICAL INFORMATION

PROPERTIES	STANDRAD METHOD	RESULTS
SETTING TIME IN MINUTES		1-2 MINUTES
MPARASIVE STRENGTH 1 HRS 6 HRS 1 DAY 7 DAYS 28 DAYS	ASTM C 109/C109M-01	102 ksc. 111 ksc. 134 ksc 278 ksc. 398 ksc.
TENSILE STRENGTH 1 HRS 6 HRS 1 DAY 7 DAYS 28 DAYS	ASTM C 307-03	11 ksc. 13 ksc. 15 ksc. 19 ksc. 20 ksc.
Fire Resistance	(EN 13501-1)	Fire rating, Classified A1 – CIS LEAK PLUG SUPER will not contribute in any state of the fire including the fully developed fire.

PACKING

5KG, 10 KG, 25 KG

STORAGES

12 month in sealed container kept under shed area.

HEALTH & SAFETY PRECAUTIONS

Wear a mask while working. It is advisable to use hand gloves and goggles

CIS ZINC COAT - 411

FOR CATHODIC PROTECTION TO RE - BARS & STEEL SUR FACE

PRODUCT CATEGORY: REPAIR

PRODUCT DESCRIPTION

CIS ZINC COAT 411 is a two-component system based on metallic Zinc and epoxy resin, hardener & additives which on mixing gives a grey coloured liquid. CIS ZINC COAT 411 is recommended for coating on steel reinforcement or steel surfaces as an anti corrosion primer. The product actively resists corrosion within the confines of the repair location and avoids the generation of incipient anodes in immediately adjacent locations.

AREAS OF APPLICATION

For coating of re-bars and steel surfaces.

FEATURES & BENEFITS

Passivation - Active zinc-rich system combats corrosion by electro chemical means.

Ease of application - Easy to mix & applicable by brush or spray.

Time saving - Saves time because it dries quickly (touch dry time 15 to 45 minutes).

Compatibility - Excellent compatibility and suitable primer for steel surfaces and can be over coated by epoxy or polyurethane coatings.

Bonding - Bonds strongly to cement concrete & mortars.

Chemical resistance - Resistance to commonly used acids & alkali.

METHOD OF APPLICATION

SURFACE PREPARATION

Expose fully any corroded steel in the repair area and remove all loose scale and corrosion deposits. Care should be taken to clean the back side of exposed steel bars as well. Grit blasting is recommended for this purpose.

The application of CIS Zinc coat must take place immediately on a dry steel surface after completion of the preparation work and not later than three hours.

APPLICATION

Apply first coat CIS ZINC COAT 411 using a suitable brush, making sure that the back of exposed steel



CIS ZINC COAT - 411

FOR CATHODIC PROTECTION TO RE - BARS & STEEL SUR FACE

PRODUCT CATEGORY: REPAIR

reinforcement bars are properly covered.

Apply second coat, in case of any discontinuity in the first coat, after drying of first coat for minimum 1 hour. The primed surface should not be left exposed for a longer time. The application of concrete repair material should proceed as soon as the CIS ZINC COAT 211 is fully dried.

PRECAUTIONS & LIMITATIONS

CIS ZINC COAT 411 should not be applied when the temperature is below 10°C & is above 40°C.

It is flammable so prevent from naked flame.

Keep away from source of ignition.

In case needed, fire extinguish with CO₂ or foam extinguisher.

TECHNICAL INFORMATION

PROPERTIES	RESULTS
Test Temp (°C)	30 °C
Pot life of mixed material @30°C (minutes)	150 minutes
Specific gravity (g/cc)	2.01 to +/-0.01
Thickness of application (W.F.T), microns	70 - 75 per coat
Hard drying time (hrs.)	24 hrs
Coverage	6 m ² / ltr at DFT of 100 microns in 2 coats

HEALTH & SAFETY PRECAUTIONS

Like for all chemical products, caution should always be exercised. Protective clothings such as gloves and goggles should be worn. Treat any contact to the skin or eyes with fresh water immediately. Should the product be accidentally swallowed, do not induce vomiting but call for medical assistance immediately.

PACKING

2 KG

SHELF LIFE

12 MONTHS FROM MFD WHEN UNOPENED AND PROTECTED FROM SUNLIGHT

CIS COALTAR COAT - 667

EPOXY BASED COALTAR COATING

PRODUCT CATEGORY: REPAIR

PRODUCT DESCRIPTION

CIS COALTAR COAT – 667 is a solvent free, epoxy resin system modified with refined tar pitch. The combination of epoxy resin with tar gives the excellent adhesion and chemical resistance of epoxy, together with the flexibility and superior water resistance of tar based materials.

TYPICAL APPLICATIONS

Damp proof membrane.
Water and chemical resistant coating for pipes, sewerage and effluent plants.
Anti-skid applications in conjunction with non-slip aggregates.
Protection of bitumen, asphalt and tar based surfaces from attack by fuels and oils.

FEATURES & BENEFITS

Excellent all round water and chemical resistance.
Suitable for most substrates and application techniques.
Excellent in all waterproofing applications.
Excellent adhesion and flexibility.
Complies with ASTM C188 Type III bonding of skid-resistant surfacing.

METHOD OF APPLICATION

SUBSTRATE PREPARATION

Surfaces to be treated should be clean, dry, free of dust, grease and any other contaminants. Concrete surfaces should be free of laitance (grit blast or scabble). Steel should be cleaned and abraded to a bright, profiled metal finish with no rust or corrosion.

MIXING

CIS COALTAR COAT – 667 is supplied as two component product i.e. resin and hardener components.



CIS COALTAR COAT - 667

EPOXY BASED COALTAR COATING

PRODUCT CATEGORY: REPAIR

The packs are pre-weighed in the correct proportions for mixing. Mix ratio is 8 parts resin to 1 part hardener by weight. A suitable slow speed electric drill stirrer should be used. If the pack is to be split the resin component must be thoroughly mixed prior to use.

Mix resin and hardener for at least 1 minute, paying special attention to sides and bottom of container.

APPLICATION – INJECTION PROCEDURE

On highly absorbent surfaces such as cement boards, concrete etc. dilute the first coat with 10% Dr. Fixit Resin Cleaner Solvent as a priming coat.

Apply using brush, roller or airless spray.

Apply as many coats as required to achieve desired thickness of finished coating. Allow to set between coats but apply subsequent coats within 24 hours.

Working time is 40 - 50 minutes at 20°C. Full cure to achieve maximum chemical resistance 72 hours at 20°C constant.

If CIS COALTAR COAT – 667 coating is to receive another system i.e. tiles, resin mortar or epoxy screed, it is preferable to “blind”

the surface with non-slip aggregates before initial set, in order to provide a “key” for subsequent finishes.

CLEANING

Remove surplus material from tools and equipment with CIS CLEAN MASTER

THEORETICAL COVERAGE

Up to 4 m² per litre at 250 microns DFT dependent on application

SHELF LIFE

Shelf life is 12 months from the date of manufacturing if stored in original and unopened packaging in a cool dry place away from direct sunlight

PACKAGING

15 litres

CIS PU 145

MOISTURE CURED POLYURETHANE ELASTOMERIC JOINT SEALANT

PRODUCT CATEGORY: POLYURETHENE SELENT

PRODUCT DISCRIPTION

CIS PU 145 is a single component, Moisture cured Polyurethane elastomeric sealant, which resists crack arising out of movements of joint materials. It conforms to EN 14187-S 2003, BS 5212, ASTM C-920, ISO-11600

APPLICATION

- For all types of construction joints both Horizontal and Vertical.
- Runways.
- Roads.
- Bridge decks.
- Docks and harbors.
- Civil structures including building – residential, commercial and industrial and prefabricated constructional panels.
- Can be used for joints of concrete, metal and glass.

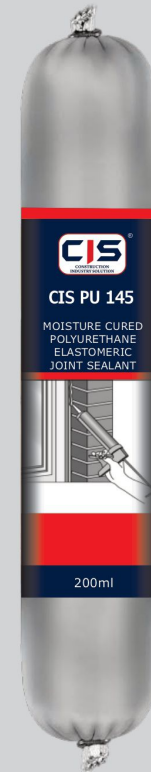
ADVANTAGES

- Single component ready to use.
- Excellent adhesion to most of the building materials.
- Good weathering and ageing properties.
- Excellent workability.
- Can be paintable.
- Fuel Resistant.
- Non-staining. Bubble free curing.
- Resistant to water, dilute caustic solution & acid, saline water, oil, etc.

APPLICATION METHODOLOGY

SURFACE PREPARATION

- Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air and clean the surface mechanically or by grinding to make it smooth before application.
- Concrete surface must be dry and stable at least for 28 days.
- Ensure that the moisture content in the prepared surface does not exceed 5% immediately before application of ShaliSeal® PU.



CIS PU 145

MOISTURE CURED POLYURETHANE ELASTOMERIC JOINT SEALANT

PRODUCT CATEGORY: POLYURETHENE SELENT

- To avoid adhesion of spill-over material beside joint, use masking tape at floor level beside both sides to get sharp edged neat and clean joint.
- Use back up material to avoid third face adhesion and to avoid contact between joint forming board & sealant.
- Use primer on vertical side faces of the joint to ensure strong bonding between substrate and sealant.

APPLICATION OF MATERIAL

- Use Extruded polyethylene rod of diameter of 25% more of the width at the base as separation layer, construction & control joints as back up material to avoid 3-face adhesion and to avoid contact between joint forming board & sealant.
- Prime the surface with CIS PU 145 @ 7 m² / L in case of concrete surface and 10 m² / L in case of metal surface.
- After primer is surface dry and noticeable surface tack is generated, apply CIS PU 145 from the gun slowly and fill. Smooth out with soapy water by pressing the mastic against the edges and the joint.
- Remove protection strip. Cleaning & Maintenance Clean the equipment with solvent like Xylene, Toluene. Scrap off cured sealant on the equipment. Health & Safety
- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting. Packing Available in 600 ml sausage. Storage Keep in cool dry place, under the shed, away from heat and humidity. Store in proper ventilated room and temperature should be between 10 - 25°C. Shelf Life 12 months in original unopened sealed condition.

PACKAGING

200 ml Sausage

CIS CLEAR 003

CLEAR RTV SILICONE ADHESIVE SEALANT

PRODUCT CATEGORY: SILICON SEALANT

PRODUCT DESCRIPTION

CIS Clear 003 Silicone Adhesive Sealant is a general purpose, single component, room temperature vulcanizing (RTV) compound, designed for the sealing of mechanical assemblies. Upon curing from the exposure to moisture in the air, this non-sagging paste forms a tough, flexible, waterproof seal of silicone rubber, which resists aging, weathering and thermal cycling without hardening, shrinking or cracking.

PRODUCT BENEFITS

- Easy application
- Applied to horizontal or vertical surfaces
- Waterproofs
- Insulates
- Unaffected by vibration
- Non-flammable
- Non-toxic

TYPICAL APPLICATIONS CIS CLEAR 003 SILICONE ADHESIVE SEALANT IS AN EXCELLENT ALLPURPOSE ADHESIVE/SEALANT FOR THE FOLLOWING MATERIALS:

- Metal
- Glass
- Wood
- Plastic
- Silicone resin
- Vulcanized silicone rubber.
- Ceramics
- Natural and synthetic fibers
- Painted surfaces Bonds, seals, repairs, mends and secures:
- Windshields (not for installation)
- Windows
- Door frames
- Vinyl tops



INSTRUCTIONS FOR CIS CLEAR 003

1. Clean and dry all flange surfaces to be sealed.
2. Remove black cap from top of extension nozzle.

CIS CLEAR 003

CLEAR RTV SILICONE ADHESIVE SEALANT

PRODUCT CATEGORY: SILICON SEALANT

3. Turn nozzle extension one complete turn (360°) counterclockwise.
 4. Depress finger trigger and apply a continuous 1/16 inch to 1/8 inch Power Bead to one surface.
 5. Apply a continuous and even bead of silicone to one surface.
 6. Assemble parts immediately while silicone is still wet.
- Secure or tighten as required, avoiding excessive squeeze-out.
7. Pressure should be applied to parts for 24 hours until the silicone is fully cured

PACKAGING

250 ml Cartridge