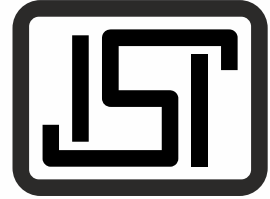




IS: 2645



CM/L - 7100047998

IMPROVE THE LIFE OF YOUR CONSTRUCTION

English Version

256, GIDC, Industrial Estate, Waghodia - 391760,
Dist Vadodara, Gujarat, India.



1800 233 2735



+91 75740 08713



admin@20mcc.in



www.20mcc.in



IS: 2645



CML - 7100047998

MICRONSIL 30C is a cement admixture used in interior and exterior walls for plaster and masonry work. It is suitable for surfaces like bricks, stone, light weight blocks etc.



HOW TO USE

- **For Plaster on Wall (Brick/Light Weight Block)**
Micronsil 30C (15 kg) + 50 kg Cement + 400 kg Sand
- **For Plaster on RCC Wall, RCC Column & RCC Beam**
Micronsil 30C (7.5 kg) + 50 kg Cement + 200 kg Sand

APPLICATION

- Wall plaster for Internal/External
- IPS
- PCC
- Flooring Plaster

BENEFITS

- Curing as per (IS) Standard 1661:1972
- Reduced temperature of walls and ceiling upto 3°C
- Provides moisture free wall, plaster and mortar
- No additional cement requirement for polishing
- Reduces load of Slab / Terrace
- 30% cost saving compare to other waterproofing products in India
- 10% saving on re-bounce material.
- Environment friendly
- No efflorescence (salt)

COVERAGE

- Covering approx. 140 to 150 sq. ft. (For 15 to 17 mm Plaster)

PACKING

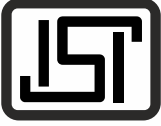
- 15 kg

PHYSICAL PROPERTIES

| PROPERTIES | UNITS | MICRONSIL 30C |
|----------------------|------------|---------------|
| Brightness | % | 45 - 55 |
| Bulk Density (Loose) | gm / ltr | 450 - 550 |
| Flow Point | ml / 100gm | 90 - 100 |
| pH (10%AQ.SLURRY) | - | 8 - 10 |

MICRONSIL 30C PLUS™

IS: 2645



CML - 7100047998

MICRONSIL 30C PLUS is a mineral admixture for Plaster, and Masonry work application. It is suitable for surface like Bricks, Stone, Blocks etc. Stop instant running water.



HOW TO USE

For IPS - Terrace & Sunk

(IPS means Cement + Sand + Grit)

Micronsil 30C Plus (10 kg) + 50 kg Cement + 280 kg Sand + 200 kg Grit

For IPS - Water Tank, Swimming Pool & in Basement

(IPS means Cement + Sand + Grit)

Micronsil 30C Plus (20 kg) + 50 kg Cement + 200 kg Sand + 200 kg Grit

For Plaster in Water Tank, Swimming Pool & in Basement

Micronsil 30C Plus (20 kg) + 50 kg Cement + 300 kg Sand

APPLICATION

- Terrace
- Swimming Pool
- Toilet, Bathroom, Sunk
- Basement Floor & Walls
- Slabs & water leakage work

BENEFITS

- Instant running water stoppages
- Instant seal of basement leakages
- Side wall leakages
- No efflorescence (salt)
- Swimming pool leakages
- Water tank leakages
- Underground water tank leakages
- Any kind of running water & leakages can stop by Micronsil 30C Plus

COVERAGE

- Coverage depends on the plaster thickness & on the application method

PACKING

- 10 kg

PHYSICAL PROPERTIES

| PROPERTIES | UNITS | MICRONSIL 30C PLUS | TEST METHOD |
|-----------------------|--------------------|---------------------|-------------|
| Physical form | - | Light Yellow Powder | - |
| Specific Gravity | - | 1.9 – 2.3 | ISO 787/10 |
| Bulk Density | gm/lit | 350 - 450 | DIN 468 |
| Surface Area | m ² /gm | 80 – 150 | BET |
| Primary Particle Size | micron | 1.0 – 1.2 | - |

IS: 2645



CM/L - 7100047998



METAKRETE is a BIS certified mineral based product used for compressive strength.



HOW TO USE

- Add 4 kg Metakrete (8%) with 50 kg cement bag. Ideal for beam, column and slabs

APPLICATION

- High performance, high strength, lightweight concrete
- Industrial-commercial floor, marine concrete, precast concrete
- Shotcreting, mortars, stuccos, pool plaster etc
- Fiber cement and ferro cement products
- Glass fiber reinforced concrete

BENEFITS

- Increasing compressive and flexural strength
- Providing resistance to chemical attack
- Reducing permeability substantially
- Preventing alkali-silica reaction.
- Reducing efflorescence and shrinkage
- Prevent from alkaline & acidic attack

COVERAGE

- Covering approx. 70 to 80 sq. ft. (For 15 to 17mm regular plaster)

PACKING

- 4 kg

PHYSICAL PROPERTIES

| PROPERTIES | UNITS | METAKRETE |
|-------------------------------|----------|-----------|
| Bulk Density | gm / ltr | 270 - 370 |
| Oil Absorption | gm/100gm | 45 - 65 |
| PSD-D(50)-50% Particles Below | μ | 1.5 – 2.0 |
| Residue on 325 Mesh | % | 0.0 – 0.5 |
| pH(10%AQ.SLURRY) | - | 5.0 – 8.0 |
| Moisture | % | 0.0 – 0.5 |
| Specific Gravity | - | 2.5 -2.7 |

NANOSIL is a solvent free high reactive silicone based penetrating waterproof agent.

HOW TO USE

- Clean the surface
- Apply with brush/spray/Roller one vertical & horizontal coat at same time on surface
- Allow it to cure for 4 hours

NANOSIL + PAINT APPLICATION

- Clean/wash the surface properly
- If any cracks found, Fill cracks with cracksil
- After dry, Apply first coat of Nanosil
- After 4 hours, Mix 4 litre Paint + 1.5 Litre Nanosil & apply horizontal coat on surface, Once dry apply vertical coat
- After dry, Apply final coat with Nanosil

APPLICATION

Nanosil can apply on any surface such as

- Internal/External plaster wall
- Internal/External concrete wall
- On Bricks, Marble, Wood, PVC Pipe, FRP Sheet, Cement Sheet, GI Sheet, etc.
- On terrace any surface such as, China - Mosaic, RCC, PCC, Tiling, etc.

BENEFITS

- Hydrophobic
- UV resistant
- IR resistant
- No need to apply primer
- Reduces heat conductivity
- Solvent free and low VOC
- Can be apply on any surface

COVERAGE

- Porous Surfaces: 50–75 sq. ft.
- Semi-porous Surfaces: 75–100 sq. ft.
- Non-porous Surfaces: 100–120 sq. ft.

PACKING

- 1 litre
- 5 litre
- 20 litre

PHYSICAL PROPERTIES

| PROPERTIES | UNITS |
|-------------------------------|-----------------------|
| Appearance | Milky, white |
| Density (25 °C) approx. | 1.0 g/cm ³ |
| Diluent water Viscosity | 40 - 55 sec |
| Diluent water Viscosity | - |
| Specification | - |
| Confirms to IS : 12027 : 1987 | - |

IS: 2645



CM/L - 7100047998



TIGERSIL is Nano Polymeric Dispersion for Salt, Mold, Dampness & Paintpeel Off.



HOW TO USE

- **Step 1:** Clean the wall surface with grinder machine and remove paint & putty upto plaster level
- **Step 2:** Mix 1 liter of Tigersil Liquid with powder 450 Gram (Proportion of 1:4.5, Tigersil Liquid : Powder)
- **Step 3:** Apply with brush on wall one single coat vertically & horizontally
- **Step 4:** Allow it to cure for 24 hours
- **Step 5:** Apply paint if needed

Note: Do not apply primer on Tigersil

APPLICATION

- Any kind of Internal/External affected areas for Salt, Mold, Dampness, Paintpeel off

BENEFITS

- Ready to use & "Do it yourself" product
- Easy to apply on wall without removing plaster or to damage wall
- Technical waterproofing application skill is not required
- Resolves Paintpeel off, Salts, Molds, and Dampness from the wall & stops it from recurring

COVERAGE

- Approx Coverage 35 to 40 sq. ft. Depend upon the surface

PACKING

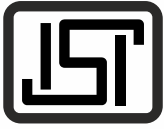
- 1.5 kg Bucket (1 liter Liquid, 450 Gram Powder)

PHYSICAL PROPERTIES

| Application | Tigersil :Water Cement | Dilution in Water |
|--------------------------------------|------------------------|-------------------|
| Waterproof Coating / Damp proof coat | 1:NA:2 | Not Suggest |
| Cement Slurry / Bonding coat | 1:2:3 | 1:2 |
| Polymer Repair Mortar (1:40) | - | 1.4 |
| Repair concrete & Screed (1:2:4) | - | 1.4 |



IS: 2645



CML - 7100047998

CRACKSIL for wall crack repair, it is a cement based polymer modified powder material for filling cracks in plaster surface.



HOW TO USE

- Clean the cracks to remove any dust, dirt, spillovers of oil, grease or loose particles
- Remove the existing POP or the PUTTY to expose the plaster surface
- Mixing ration of crack fill powder with water varies with respect to area of application
- Apply Cracksil in the crack with a putty blade or spatula effectively making sure that it is totally filled up
- Allow it to cure for 24 hours

APPLICATION

- Any kind of horizontal / vertical cracks in Internal/External areas up to 5mm

BENEFITS

- Very strong adhesion to common building substrates
- "Do it yourself" product
- Non-sagging can be used for horizontal, vertical & overhead applications
- Stable in expansion & contraction
- Ideal to fill up to 5mm wider static cracks
- Single time application

COVERAGE

- 37.5 running meter per kg (For a depth & wide of 5mm cracks)

PACKING

- 1 kg

PHYSICAL PROPERTIES

| PROPERTIES | UNITS | CRACKSIL |
|----------------------|----------|-----------|
| Brightness | % | 82 - 86 |
| Bulk density (Loose) | Gm / ltr | 650 - 750 |
| Residue on 100 Mesh | % | 10 - 15 |



RAINBOWSIL (Epoxy Grout for Tile Joints) is fine quality decorative coloured quartz sand with high purity quartz. The primary material is produced with a Polymer Binder and Lightfast Pigment.



THIS PACK CONTAINS THE BELOW COMPONENTS

1KG

- Part A: 78 Grams X 1
- Part B: 184 Grams X 1
- Part C: 738 Grams X 1

5KG

- Part A: 390 Grams X 1
- Part B: 920 Grams X 1
- Part C: 3690 Grams X 1

APPLICATION

- Surface preparation with cleaning & surfacing
- Mix Part A + Part B in clean container, Gradually add Part C the pigmented colour component
- Mix the all components for 3-4 minutes to get uniform paste consistency
- Apply the mixed epoxy into the grout & resurface the same & allow it to dry
- Clean the surface after dry & tile grout is ready

COLOUR SHADES

| | | | |
|----------------|---------------|--------------|--------------|
| MIDNIGHT BLACK | PLATINUM | SLATE GREY | BRIGHT WHITE |
| SAGE | AQUA BLUE | BURGUNDY | SAUTERNE |
| RAVEN | SILVER SHADOW | SPECTRA PINK | PURE WHITE |
| PARCHMENT | NATURAL GREY | TERRACOTTA | SILK |

USES

Suitable for Dry and Wet areas like kitchens, bathrooms, swimming pools, high traffic areas in residential & commercial installation including showroom, multiplexes, shopping malls, hotels & industries. Laboratories, production and storage workshops, paper mill, dyeing plant and tannery. Breweries, commercial kitchens, dairies and processing plants. Operating theaters, clinics, showers and kitchens, jacuzzis, saunas, and spas. High traffic areas (Podiums) garage, battery rooms, toilets and waste treatment plants

SPECIALLY DEVELOPED FOR

- Ceramic Tiles
- Stone Joints Tiles
- Vertical Tiles

COVERAGE

- Coverage depends on the application method

PACKING

| RAINBOWSIL | WEIGHT | SHIP PACK |
|---------------------------------|----------|-----------|
| Separate Filler Powder | 738 Gram | 10 Pack |
| Hardener + Resin | 262 Gram | 1 Pack |
| Separate Filler Powder | 3.690 KG | 2 pack |
| Hardener + Resin | 1.310 KG | 1 Pack |
| Filler Powder, Hardener & Resin | 1KG | 1 Pack |
| Filler Powder, Hardener & Resin | 5KG | 1 Pack |

PHYSICAL PROPERTIES

| PROPERTIES | UNITS | RAINBOWSIL |
|---------------------------------|-------|--------------------|
| Appearance | - | Free Flow Granules |
| Color | - | Close to STD |
| Sieve Size Analysis (+100 Mesh) | % | 0 - 15 |
| Sieve Size Analysis (-240 Mesh) | % | 0 - 15 |
| Moisture (ex-work) | % | 0 - 3 |



MICRONBALLS, a lightweight aggregate, serves as an advanced solution designed to mitigate issues associated with terrace heat and waterproofing, providing a technically sound approach to construction challenges.

- HOW TO USE**
- Clean the surface thoroughly to eliminate any dust, dirt, oil spills, grease, or loose particles.
 - In the specified ratio, mix sand and cement thoroughly. Ensure a consistent blend of the two materials.
 - Incorporate Micronballs into the sand-cement mixture according to the prescribed ratio.
 - Add water as per the requirements outlined in the guidelines. Ensure the proper hydration of the mixture.
 - Continuously mix the components until a uniform and well-integrated mixture is achieved.
 - Pour the Micronballs mixed mortar onto the floor or roof surface.
 - Level the applied mortar to achieve the desired thickness and make necessary slope corrections.

- APPLICATION**
- Waterproofing cum roof insulation
 - Terrace
 - Cavity wall filling
 - Lightweight roof/floor insulation
 - Light weight concrete
 - Drainage for roof gardening/landscaping

- BENEFITS**
- Eco-friendly & Light weight material
 - Thermal Insulation due to low conductivity
 - Good Compressive Strength
 - Soundproof & Fire Resistant
 - Reduces Heat Transmission through slabs
 - Supports Waterproofing

MIXING RATIO

| Sand | Cement | Micronballs | Water |
|--------|--------|-------------|--------------------|
| 200 kg | 50 kg | 50 kg | As Per Requirement |

COVERAGE
(Specified ratio, 50 KG Micronballs coverage outlined below)

| Mortar Thickness | Square Meters | Square Feet |
|------------------|---------------|-------------|
| 4 Inch | 2.32 | 25 |

PACKING
• 25kg

PHYSICAL PROPERTIES

| PROPERTIES | MICRONBALLS |
|----------------------|-----------------------------|
| Size | 5 - 20 mm |
| Shape | Round Nodular |
| Density | 650 - 750 kg/m ³ |
| Thermal Conductivity | 0.12 w/mk |



ROADSIL is a two-component epoxy filler designed for instant repair of potholes and cracks bridging. Roadsil is a user-friendly, ready-to-use epoxy filler ideal for seamless application on Concrete/IPS/PCC/RCC road cracks and potholes. Roadsil has exceptional workability, settling properties, and superior adhesion to aggregates. Roadsil application can do in almost all-weather condition.

HOW TO USE

- Clean the affected area by sweeping with a bristled brush or broom to render it free from clay, dirt and dust.
- Open the bag and mix/stir well Part A and Part B. Apply Roadsil to fill patches, cracks, or potholes, then level the surface with a spatula for a smooth finish.
- To get maximum durability, allow 2 to 3 hour setting time after compaction.
- Allow the traffic over the repaired area.
- Consume all the contents once the bag is opened.

APPLICATION

- Potholes
- Cracks/Edge deformation
- Edge repairs and small carpeting jobs in RCC/PCC/IPS/Concrete and Asphalt surfaces

BENEFITS

- Instant Road Repairs
- Pothole and Cracks are repairs very instantly and within 3 to 4 hours Road shall be open for all traffic.

COVERAGE

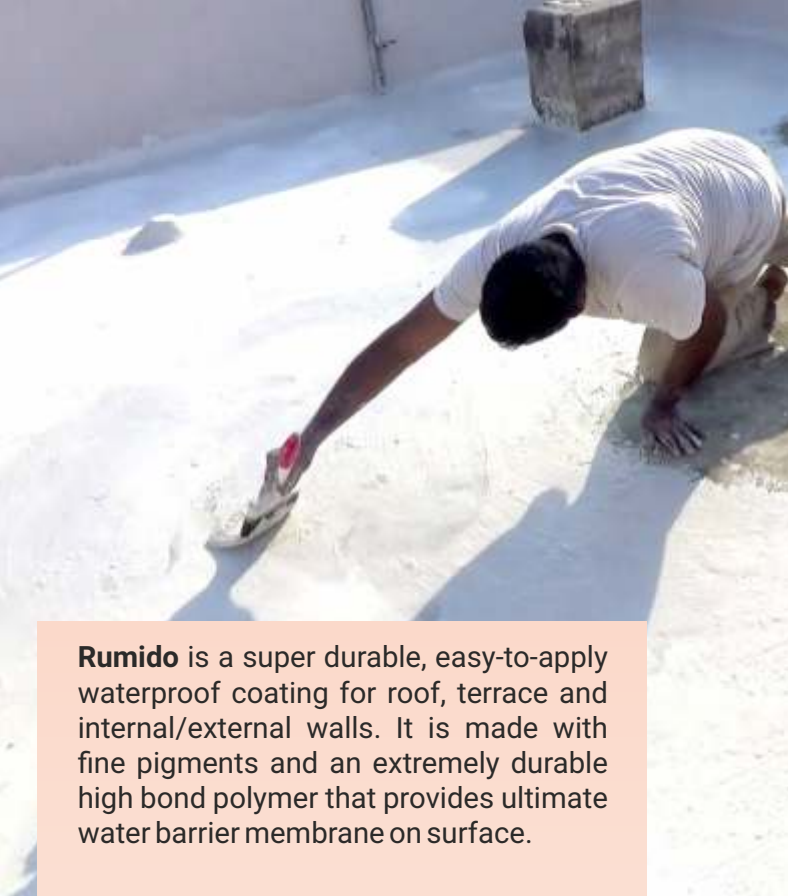
- Coverage depends on the application method

PACKING

- 1 kg bag (Part - A: 924.5 gram, Part - B: 75.5 gram)

PHYSICAL PROPERTIES

| PROPERTIES | ROADSIL |
|-----------------------|------------------------------------|
| Form | Two Pack |
| Appearance/ Colour | Part- A : Greyish Fluid |
| | Part- B : Brownish Liquid |
| Adhesion | Concrete, RCC, PCC, IPS: Excellent |
| | Asphalt: Excellent |
| Cure Time | 2 to 3 hrs @ 35°C |
| Self Life | 12 Months |



Rumido is a super durable, easy-to-apply waterproof coating for roof, terrace and internal/external walls. It is made with fine pigments and an extremely durable high bond polymer that provides ultimate water barrier membrane on surface.

DESCRIPTION

- Rumido is developed to deliver water repellence, maintaining surface coolness during summers. Additionally, the coating offers sun reflection of up to 7 to 10 degrees Celsius towards porous construction materials. It penetrates deeply into surface voids, forming strong bonds within.
- This unique formula incorporates leading molecular nanotechnology in which it shall penetrate into porous surface Up to 2 to 3 MM to putting an end to water and moisture migration through any porous cementations substrate.

HOW TO USE

- Clean the Surface to remove any loose paint, dust, grease or loose particles. It is recommended to use intense wire brushing, High speed water jet and vacuum cleaner for thorough cleaning of the surface.
- Apply first coat of Rumido using brush on surface. Allow the surface to dry For Few hours.
- After allowing the 1st Coat to dry, apply the 2nd coat to achieve proper hiding and desired waterproofing properties.
- Allow the system to cure for some time.

*Fresh surfaces must be allowed to cure completely. It is recommended to follow the curing guidelines as per (IS) Standard 1661:1972

BENEFITS

- Superior protection tailored for roofs, terraces, and internal/external walls (including concrete, China chips, mosaic tiles, brickbat coba and Paint surface) waterproofing, provides up to 7 years of protection against water leakage.
- Offers multi-surface adhesion, including concrete, China chips, mosaic tiles, and brickbat coba, on paint surface for simple and quick results.
- Reduces surface temperature by up to 7 to 10 degrees Celsius.

COVERAGE

- The forced coverage to be achieve for a proper water proofing solution is
 - 1st Coat: 55-65 sq. ft. /lit
 - 2nd Coat: 30-40 sq. ft. /lit

(The Coverage is determined by the porosity of the surface)

PACKING

- 1litre
- 4 litre
- 10 litre
- 20 litre

APPLICATION

- Roof
- Terrace
- Internal – External Walls
- Suitable for Concrete, China chips, Mosaic tiles, Brickbat coba and Paint surface

PHYSICAL PROPERTIES

| PROPERTIES | RUMIDO |
|----------------------------|-------------|
| Appearance | Liquid |
| Colour | Milky white |
| pH | 8 - 9.5 |
| Viscosity (BY B4 FORD CUP) | 12 - 15 |

VALUED CUSTOMERS



| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |