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MICRONSIL 30C™

CEMENT ADMIXTURE

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.



Description

Micronsil 30C is the 50% replacement of cement. This is a natural mineral-based green product to reduce carbon dioxide from the environment.

Instead of 2 bags of cement, customers can use 1 bag of cement and 1 bag of Micronsil 30C. It will be excellent for strength and give more coverage for plastering work with written warranty

Benefits

- Curing as per (IS) Standard 1661:1972
- Reduced temperature of walls and ceiling up to 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
- Protects walls from salt damage

Application

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

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 (7.5kg) + 50kg Cement + 200 kg Sand

Coverage

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

Packing

15 kg

Physical Properties

PROPERTIES	UNIT	MICRONSIL 30C
Brightness	%	60-70
Bulk Density (Loose)	gm/ltr	450-550
Flow Point	ml/100gm	110-130



MICRONSIL 30C PLUS™

CEMENT ADMIXTURE FOR SPECIAL APPLICATIONS

Micronsil 30C Plus is a crystalline waterproofing admixture that creates a strong waterproof barrier.

Description

This product is highly effective in stopping negative water pressure, leakages, and seepages-providing immediate protection against groundwater ingress.

Application can be done during or after construction on retaining walls, side walls, basements, semi-basements, terraces, swimming pools, and washing areas.

Benefits

- Effective in stopping running water.
- Seals leakages in basements, side walls, swimming pools, water tanks, ground water areas, and washing zones. Delivers excellent performance for water stoppage on terraces and balconies.
- Natural mineral-based product that helps reduce carbon dioxide in the environment.

Application

- Terrace
- Swimming Pool
- Toilet
- Bathroom
- Sunk
- Basement Floor & Walls
- Slabs & Water Leakage Work

How To Use

For IPS-Terrace & Sunk

(IPS means Cement + Sand + Grit)

Micronsil 30C Plus (10kg) +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



CMIL - 7100047998

Coverage

Coverage depends on the plaster thickness & on the application method

Packing

10 kg

Physical Properties

PROPERTIES	UNIT	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	m2/gm	80-150	BET



Nanosil is a transparent, solvent-free, water-repellent product suitable for application on any surface.



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

Benefits

- Hydrophobic
- UV resistant
- IR resistant
- Reduces heat conductivity
- Solvent free and low VOC
- Can be apply on any surface

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.

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

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	UNIT
Appearance	Milky, white
Density (25 °C) approx.	1.0 g/cm ³
Diluent water Viscosity	13-20 sec



Polymer Based Waterproofing Coating for
Roof, Terrace & Internal/External Walls

Description

Rumido delivers water repellency, cools surfaces, and reflects sunlight, reducing temperatures by 7 to 10°C towards porous construction materials. It penetrates deeply, forming strong bonds.

This advanced formula uses molecular nanotechnology to penetrate porous surfaces up to 2-3 mm, effectively preventing water and moisture migration through any porous cementitious substrate.

Benefits

- Superior protection tailored for roofs, terraces, and internal/external walls (including IPS, PCC, RCC, Flooring, China chips, Mosaic tile joints and Paint surface) waterproofing provides up to 7 years of protection against water leakage.
- A 100% waterproofing product with unparalleled efficacy and durability
- Reduce surface temperature up to 7 to 10 degrees Celsius

Application

- Roof
- Terrace
- Internal - External Walls
- Suitable for IPS, PCC, RCC, Flooring, China Chips, Mosaic tile joints and Paint surface

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 the first coat of Rumido using a brush on the surface. Allow the surface to dry for a 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.

*It is essential to shake well for small packing. For larger packing of 4L, 10L, and 20L, mix thoroughly with a mixer machine before use.

*For new construction of IPS, PCC, Plastering curing process must be done as per IS Standard 1661:1972 and then Rumido application suggested.

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.



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

1 Litre, 4 Litre, 10 Litre, 20 Litre

Physical Properties

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



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.

Application

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

How To Use



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
DARK BROWN	COFFEE BROWN	CADMIUM RED	INCA GOLD

Packing

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

Coverage Chart

Grout Consumption in Kg/m²

Size of tiles in mm	Joint Width in mm								
	2	3	4	5	6	7	8	9	10
200X300X8	0.21	0.31	0.41	0.51	0.61	0.70	0.80	0.89	0.98
250X400X8	0.16	0.24	0.32	0.40	0.48	0.56	0.63	0.71	0.78
300X300X8	0.17	0.25	0.33	0.41	0.49	0.57	0.65	0.72	0.80
300X300X10	0.21	0.31	0.42	0.52	0.62	0.71	0.81	0.90	1.00
300X300X12	0.25	0.38	0.50	0.62	0.74	0.86	0.97	1.09	1.20
300X450X8	0.14	0.21	0.28	0.35	0.41	0.48	0.54	0.61	0.67
300X450X10	0.18	0.26	0.35	0.43	0.52	0.60	0.68	0.76	0.84
300X450X12	0.21	0.31	0.42	0.52	0.62	0.72	0.82	0.91	1.01
300X600X8	0.13	0.19	0.25	0.31	0.37	0.43	0.49	0.55	0.61
400X400X8	0.13	0.19	0.25	0.31	0.37	0.43	0.49	0.55	0.61
400X400X10	0.16	0.24	0.31	0.39	0.47	0.54	0.62	0.69	0.76
400X400X12	0.19	0.28	0.38	0.47	0.56	0.65	0.74	0.83	0.91
600X600X10	0.11	0.16	0.21	0.26	0.31	0.36	0.42	0.47	0.52
600X600X12	0.13	0.19	0.25	0.31	0.38	0.44	0.50	0.56	0.62

Physical Properties

PROPERTIES	UNIT	RAINBOWSIL
Appearance	-	Free Flow Granules
Color	-	Close to STD
Sieve Size Analysis (+100 Mesh)	70	0-15
Sieve Size Analysis (-240 Mesh)	70	0-15
Moisture (ex-work)	10 %	0-0.20



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

Application

- Any kind of Internal/External affected areas 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 300 Gram (Proportion of 1:3, Tigersil Liquid: Powder)
- Step 3:** Apply with brush on wall one single coat vertically and horizontally.
- Step 4:** Allow it to cure for 24 hours
- Step 5:** Apply paint if needed

Note: Do not apply primer on Tigersil



SALT SOLUTION

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

**DO IT
YOURSELF**



Coverage

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

Packing

1.3 kg Bucket (1 liter Liquid, 300 Gram Powder)

Physical Properties

PROPERTIES	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



Cracksil

ELASTOMERIC CRACKFILLER

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



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
- Add matching color stainer with Cracksil to match the surface color & to avoid visible patches.

Application

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

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.
- The mixing ratio of Cracksil powder with water varies depending on the 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

Coverage

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

Packing

1 kg

Physical Properties

PROPERTIES	UNIT	CRACKSIL
Brightness	%	70-76
Bulk density (Loose)	Gm/ltr	1250-1450
pH(10%AQ.SLURRY)	-	11-13
Flow point	ml/100gm	44-55



STRENGTH OF CONCRETE

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



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

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

How To Use

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

Coverage

Coverage depends on the plaster thickness & on the application method

Packing

4 kg

Physical Properties

PROPERTIES	UNIT	METAKRETE
Bulk Density	gm/ltr	270-370
Oil Absorption	gm/100gm	45-55
PSD-D(50)-50% Particles Below	μ	1.5-2.5
Residue on 325 Mesh	%	0.0-0.5
pH(10%AQ.SLURRY)	-	5.0-7.0
Moisture	%	0.0-0.5
Specific Gravity	-	2.3-2.5

Fast Fix- Road Open in Just 4 Hours

Benefits

- **Fast Setting:** Traffic can resume shortly after application, reducing downtime.
- **Durability:** High-performance material resistant to heavy loads and environmental stress.
Shrinkage Compensation: Minimizes cracking during curing.
- **Ease of Use:** Pre-blended powder just add water and mix.
- **Versatile Finish Options:** Trowel or broom finish to match surroundings.
- **Suitable for All Weathers:** Withstands exposure to a wide range of weather conditions, ensuring durability in any climate.

Application

- Emergency repair of roads and highways.
- Repairing localized patches, both small and large.
- Repairing damaged roads and highways.
- Repairing roadways, warehouse, floors, ramps, & pavements.
- Where minimum disruption to traffic & floor shutdown is required.



ROADSIL BASIC is a ready-to-use, pre-blended powder made of cement and graded quartz, designed for high-strength, shrinkage-compensated repairs on roadways, pavements, and floors. Just add water, mix, and apply for quick, durable results.



Coverage

Coverage depends on the application method

Packing

25 kg



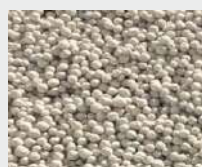
REPLACEMENT OF BRICK BAT COBA (BBC)

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.



Packing

25 kg



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

Application

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

Coverage

(Specified ratio, 50 KG Micronballs coverage outlined below)

MORTAR THICKNESS	SQUARE METERS	SQUARE FEET
4 Inch	2.32	60-70



Benefits

- Easy to use, high strength, long working time and cost-effective.
- Enhances construction efficiency.
- No shrinkage cracks at joints.
- Provides better wall strength and long-term durability.
- Saves water, time, and labor costs.
- Ensures uniform and consistent quality.

Application

- Recommended for masonry wall preparation, providing a strong and durable bond for all types of Autoclaved Aerated Concrete (AAC) blocks and fly ash bricks.

FIXIX™

A COMMITTED FRIEND TO AAC BLOCKS

FIXIX™ is a high-strength, thin-bed mortar designed for joining AAC blocks. It is composed of OPC-53 grade cement and specialized polymers, ensuring superior compressive strength. Fixix requires the addition of water before application, making it ready to use.



Coverage

Coverage 40 kg
Bag (3 mm): 1 M²

Packing

40 kg

PLUGSIL™

FLOW TO FREEZE

PLUGSIL™ is a ready-to-use blend of rapid setting cementitious material and sand, designed to stop water flow through cracks in concrete or masonry walls and floors.

Coverage

Fresh Mix Density 1.8 kg/ltr

Packing

1 kg



Benefits

- Easy to mix and finish
- Extremely short setting time
- Stop seepage and leakage
- Single Component
- Rapid strength development
- Ready to use, just add water
- Rapid setting prevents washout even in the presence of running water

Application

- Concrete Patching
- Tunnels ducts
- Swimming Pools
- Water Retaining structure & RCC water Tank
- Sealing Cracks
- Filling Holes
- Basement/retaining wall
- Side wall

Our Valued Customers



Serving From The Last 3 Decades...

20MCC PRIVATE LIMITED

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