



RAZON ENGINEERING COMPANY PRIVATE LIMITED

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AN ISO 9001-2008 COMPANY **Metal Clean MP 101**

Metal Clean is formulated to clean metallic surface of scales, formed on the surface during manufacturing stage and rust formed on the surface during storage. Metal clean not only de-rusts, de-greases but also passivates ferrous surfaces

Any metallic surface, prior to coating of protective paint must be free of scales and rust. Since rust and scale are flaky in nature, it is likely that rust and scale flakes could detach and expose further the metallic surface to corrosion, defeating the purpose of paint protection.

Metal Clean is meant for removing scales and rust on iron surface for reinforcement bars in RCC members for de-rusting and protection against corrosion due to saline environment or adverse ground water effects, for coating of iron surface with suitable protective coating. It could be done before iron members are used for fabrication, on after fabrication or on primer-coated surface exhibiting localized protection failures, which need to be rehabilitated or rejuvenated by further protective coating

Method of use: Wire brush scrub the surface, scrub surface, with steel wool, or wire brush, sand blast if necessary. Apply Metal clean on the affected areas. For densely rusted surface use Metal Clean directly. Apply one coat of Metal Clean on the surface, wait for 10-15 minutes. Apply second coat if necessary. Allow Metal Clean to dry completely over the surface, Rinse the surface thoroughly with apply of water. The surface is now cleaned, de-rusted & passivated against corrosion and protected.

Clean the dry surface thoroughly with dry mop, surface is now passivated and ready to receive protective coating or paint. The passivated iron surface shows high resistance to rusting on exposure to environs. This passivated surface has also high bonding to paint.

Metal Clean degreases, de-rusts and passivates the iron surface treated by forming a phosphate film on the surface. This impermeable film on the iron surface shown better and lasting bond to coating and paints, commonly used for iron surface coating.

Caution: Metal Clean has pH <7, viscosity B-4 Ford cup – 13 seconds. Care should be taken when used. Eyes should be protected, of should be applied under properly ventilated conditions. Avoid tobacco mixing on palm when using Metal Clean.

Use ordinary paint brush to coat over the iron surface to be treated, 200 sq ft of iron can be treated with one litre of Metal Clean.

Packing: Metal Clean is available in 1,5,20,35,50 Ltr, packings.

NOTE: In case of Metal Clean getting into eyes, rinse eyes with abundant quantity of clean water, seek medical attention immediately.

No	PRODUCT DATA	
1	Colour	Clear Greenish
2	Specific Gravity	1.03
3	pH	6- approx
4	Dosage	Use directly on severely rusted & oily surface.
5	Toxicity	Material has pH 5- Protect skin if necessary by using hand gloves if necessary.
6	Precaution	i) Avoid smoking or mixing tobacco in hand whilst using Metal Clean. ii) Allow ½ - 1 hour for Metal Clean to react with metal after application. iii) Rinse with water thoroughly to remove traces of un-reacted Metal Clean from the surface of the metal surface.
7	Packing	1 Lt, 5 Lt, 20 ltr 35 lt, 50 lt, 200 lt, packing.

OTHER PRODUCTS

Coatings: Rubberised Instant Waterproof Coating • White Water Proofer • Polyurethane Coating - GHF 111 • Triple Layer Polyurethane Waterproof/ Thermal Coating • Primer Coat PU SG 104 • Top Coat PU ALK – 104 • Silver Coat PU 104 • Clear PU Lacquer (gloss) • Clear PU Lacquer (matt) • Coal Tar Epoxy CTE – 110 • Coal Tar Epoxy EP-10 • Epoxy Coating EC-111 • Primer Epoxy Coating PR 111 • Silver Coating SC 203 • Epoxy Floor Coating G-78 AND M-86 • Damp Proofer • Bitumenous Japan Paint 151 • Supreme Waterproof Cement Paint ARCEM –101 • Premium Waterproof Cement Paint ARCEM –119 • Royal Waterproof Cement Paint ARCEM 1100 • Green Chromo Oxide Epoxy Primer •

Sealants : Crack Seal • Rubberised Sealer • Instaset 600 • Instaset 2000 • Instaset 2000S

Admixture: SPRMC 808 S11 B • Super Plasticizer –IWSP (M) – 101 • Super Plasticizer –IWSP (N) – 103 • Accelerator –2080 • Integral Water Proofer • IWSP –102 • I.W.P. Powder • Intrair (A.E.A) 120N • Master Plaster MP CS 101 • Block Maker BM-10 • Rapid Grout RG –117 • Tile Master TM – 1 • Anchorex 428 • Floor Hardner • Hycrete RJ – 608 • Brick Master • Super Paver • Pipe Master • Toughcrete P109 • Gunninging Admixture GS-942 • Non Shrink Grout Admixture NSG A-11

Other Products : Tile Fix # 1 • Tile Fix # 1A • Tile Fix SP # 1 • Strextra NSG 110 • Strextra - NSG 2024 • Easy Grout • Water Repellent WBWR – 2023 • Water Repellent SBWR – 5000 • Shutter Coat for Wood & Metal • Concrete Cure Coating – 111 • Concrete Cure Coating – 103 • P.A. Bound • P.A. Mortar TH – 4 • P.A. Mortar EF – 1 • P.A. Mortar Slurry • Marble Fix • Floor Repair Mortar • Insta Plugging Mortar • Pipe Joint Sealer • Tile Joint Sealer [Colour] – Red, White, Black, Brown, Ivory, Green, Grey, Pink. • Metal Protect • RZ – Polymer ED Mortar • Special Grouting System • Anti Hack Paint (XRG) • Tuffar • ADMGP – 1 • P A – Resin 651XXX • Hak Safe AL 111 • Paint Remover PR – 128 • COLGROUT Admixture CG – 101S • Rock Splitting Grout ATC-A201 • Ready Plaster • Best Plaster Putty



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable