



RAZON



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CLEAR COAT 513 (Aluminum Formwork Protective Lacquer)

Clear Coat 513 is a specifically developed as a Aluminum formwork coating. It is clear on application and glossy

FEATURES:-

- High bond to aluminum,
- Poor affinity to concrete
- Solvent base- quick drying,
- Flexible, glossy transparent coating,
- UV resistant and
- Abrasion resistant to travelling concrete.
- pH resistant to alkaline concrete

APPLICATIONS; -

- As a protective coating to Aluminum Formwork
- Clear Glossy protective coat on stone masonry walls, archeological structures, ashler masonry,
- Clear Protective coat on steel, aluminum, natural stones, tiles and most aesthetic cladding.

METHOD OF Use on different surfaces-

A] FOR ALUMINUM FORMWORK

For new forms-

Degrease the form, and remove any trace of lubricant/ cutting oils, with a solution of soapy water. Rinse with plain water to remove soapy solution.

Dry the forms thoroughly. After the forms are completely dry, wipe the forms with a clean dry cloth & then apply CLEAR COAT 513 by roller/ Spray.

For recycled forms-

Acid wash the forms to remove any sticking concrete. Rinse the forms to remove any acid. Dry the forms thoroughly.

Wipe the forms with a clean dry cloth & then apply CLEAR COAT 513 by roller /spray.

B] CLEAR COAT & OTHER METALLIC SURFACES

Clean the metallic surfaces thoroughly. If any rusting on iron surfaces; remove with METAL CLEAN. Remove any oils/ greases with soapy water, and allow to dry. On a dry surface apply by brush or spray

C] FOR OTHER SURFACES LIKE ASHER MASONRY, NATURAL STONES, CLADDING ETC

For best results, scrub the surface well with wire brush to remove all algae, fungus, and loose materials from the surface. Dust surface with cloth to remove all dust. It is imperative that surface is oil & grease free, free of dust & loose particles. On a dry surface, immediately coat surface with Clear Coat 513. If Clear Coat 513 is intended to be applied as final treatment, two coats are recommended at 24 hours interval. Cross coating yields best results. Ensure surface is thoroughly dry when Clear Coat 513 is being applied.

D] CLEAR COAT 513 & CLADDED FACADES.

In case of crevices; if the crevices are small, run brush vertically over the crevices so that liberal quantity of Clear Coat 513 penetrates into the crevices, seals & plugs the crevices. For large crevices, it is imperative to seal the crevices with a suitable sealant like ALL SEAL before application of Clear Coat 513. On thoroughly dry clean surface apply Clear Coat 513 by brush roller or spray.

Ensure ample ventilation when Clear Coat 513 is being applied. Do not allow smoking. Keep container covered when Clear Coat 513 is being applied. Use CC-Thinner for thinning and for brush cleaning.

Packing: ½ Ltr, 1 Ltr, 4 Ltr, 20 Ltr packs, 200 liter barrels. Clear Coat 513 is available as a single component system. Clear Coat 513 is flammable before drying.

No.	PRODUCT - DATA	
1	Adhesion to Aluminum, natural stones, synthetic stone cladding, tiles, roof shingles, metals, aluminum, glass	Excellent
2	Resistance to U.V. radiation	Good
3	Resistance to water head	Good
4	Film thickness (2 coats)	30 – 35 mils
5	Touch Drying time	Less than 90-120 seconds depending upon ambient temperature and humidity.
6	Coverage	240-sq.ft/ ltr./ Coat on Aluminum. For other surfaces coverage depends upon the porosity of surface and surface finish.
7	Abrasion resistance	Good
8	Elasticity - 5° to 50° Celsius	Excellent
9	Resistance to Algae & Fungus	Good, can be improved if admixed with SBWR
10	Life under tropical climatic Conditions	3-5 years
11	Life under arid climatic conditions	3 –5 year max
12	Life under heavy rainfall areas	3 –5 year
13	Acid resistance, Alkaline resistance	Resistant in exposure to mild alkalis. Resistance to cement mortars/ concrete is good.
14	Best Uses:	-For external wall coating, particularly for stone masonry, archeological structures for protection against external elements Pharmaceutical units, etc. -Used for protecting aluminum formwork from concrete adhering problem. -Used for coating on stones of fountains and waterproofing of fountains without affecting the aesthetic value. ★
15	Thinner/ solvent	CC Thinner only

REV 001/29102021

OTHER PRODUCTS

Oil base shuttering oil for Alu-form coverage of 250 sq ft per liter
Water based shuttering oil for Alu-form (ready to use & dilutable)
Construction Grease
Waterproof Tie rod hole filler
Concrete admixtures
Gypsum bonding agent
Tile adhesives Type 2, 3,4



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AN ISO 9001:2015 ACCREDITED MANUFACTURER



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

CONCRETE ADMIXTURES

Bonding Agents

Primers

LACQUERS & COATINGS

Block Jointing Mortar

PLASTER ADMIXTURES

Tile Bedding Mortars

**ALU-FORM CLEANERS &
MOULD RELEASE AGENTS**

TILE ADHESIVES

Waterproofing

RAZON

An ISO 9001:2015 Manufacturer

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THINK R C ? THINK RAZON CONSTRUCTION CHEMICALS