



DATA SHEET

Clearseal®-S1901

High Performance Clear Sealer for Concrete Floors & Walls

Product code:M-1901

DIV. 19: CLEARSEAL: SEALERS FOR FLOORS & WALLS

PRODUCT DESCRIPTION:

A solvent based CLEARSEAL®-S is formulated with acrylic resins designed for a glossy protective finish. HIGH SOLIDS CLEARSEAL®-S is resistant to salt- spray, acids, alkali, water, ultraviolet rays and wet and dry abrasion. The resin system, which has been specially formulated by a custom manufacturer, has a very high resistance to traffic, and the aromatic and aliphatic solvents incorporated into our system provides excellent penetration, flow and cure characteristics. CLEARSEAL®-S is highly recommended for exterior use.

USES:

-) Stamped concrete Coating
-) Cool Deck or TextureTop flooring
-) Tennis Courts (Concrete only)
-) Shuffleboard Courts
-) Swimming pool coating (highly resistant to water, acids and PH variations)
-) Properly-prepared concrete and steel surfaces
-) As a water proof, sun proof and a decorative top coating for masonry roofs and walls
-) Industrial floors
-) Warehouses

TECHNICAL DETAILS:

Properties	Value
Colour	clear
Moisture Vapour Permeability	0.001
S _d (CO ₂)	200 metre
Abrasion Resistance	12.5 gm loss
Glass Transition Temperature	>50 °C
Coverage	50 ft ² /lit

APPLICATION DATA:

PREPARATION:

Concrete must be atleast 10 days old. All old paint, oil and grease must be removed. It is required that most concrete must be etched as a porous surface. Etching should be done with 6 part water to 1 part Muriatic Acid Solution. Extremely hard or polished concrete may require a second application with a stronger solution. Rinse surface thoroughly with plenty of clean water and let dry completely.

ROLLER APPLICATION:

Do not pour CLEARSEAL®-S directly on surface. Apply CLEARSEAL®-S directly on surface. Apply CLEARSEAL®-S at a rate not to exceed 80 ft² per kg. Use a roller pan or grid to remove excess sealer. A second coat should be applied after the first coat has completely dried, usually after a minimum of 1-2 hours. Additional coats will increase the surface gloss.

SPRAY APPLICATION:

An airless sprayer with a medium tip size and very low pressure is more suited. If windy or extremely hot conditions prevail, adjust technique to avoid "dry spraying" the surface. A second coat should be sprayed after the first coat is dry.

CLEANING:



MULTICHEM GROUP | 1, Kirtida Bungalow, Nahur Stn. Road, Bhandup (E), Mumbai-400042, Phone No.: 91-22-25669137, 25664890, e-mail: info@multichemgroup.net

www.multichemgroup.net

CLEARSEAL S/R3-12-2015





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Use toluene, xylene, or stain reducer for cleaning tools.

ACID & ALKALI RESISTANCE TEST:

Each sample was allowed to react for 24 hours under a watch glass, washed with water, allowed to recover for 30 min then observed:

Chemicals	Results
2% NaOH	Slight Dulling
5% Tide	No Effect
2% Ivory	No Effect
Acid	Pl. see separate list
5% Citric Acid	No Effect
Milk (Lactic Acid)	No Effect
5% HCl	No Effect
5% Phosphoric Acid	No Effect
Mustard	Slight Stain
Ketchup	No Effect

PACKING:

1 lit, 5 lit, 20 lit drum

STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °c.

WARRANTY

Multichem Group warrants solvent based sealer to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of solvent based sealer.

Because Multichem Group does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem Group specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem Group part. Multichem Group neither assumes nor authorizes any person to assume for Multichem Group any liability in connection with the sale and installation of solvent based sealer.



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