

CEMTEC SEALER 101

NON-YELLOWING ACRYLIC MICRO CEMENT SEALER

DESCRIPTION

CEMTEC SEALER 101 is a one component, non-yellowing, acrylic copolymer sealer, designed for protecting CEMTEC MICRO CEMENT 101. **CEMTEC SEALER 101** is a quick dry easy to apply sealer which dries transparent and enhances remarkably the color of CEMTEC MICRO CEMENT 101. **CEMTEC SEALER 101** is available in glossy or matt finish.

ADVANTAGES

- Quick drying and easy to apply.
- Provides a clear glossy or matt look after application.
- Seal perfectly and enhances remarkably the color CEMTEC MICRO CEMENT 101.
- Suitable for use on horizontal and vertical surfaces.
- Unaffected by ultraviolet light, non-yellowing and preserve the natural look of the CEMTEC MICRO CEMENT 101.

PHYSICAL PROPERTIES

| | |
|------------------------------|---------------------|
| Volume solid | 28 % |
| Viscosity | 200-500 cps at 25°C |
| Touch to Dry Time | 10-15 minute @ 25°C |
| Recommended coating interval | 1 hour – 2 hours |

DIRECTIONS FOR USE

Surface Preparation

All surfaces of CEMTEC MICRO CEMENT 101 must be properly cured, cleaned, and removed any contamination such as dust, unsound material, oil, paint, curing compound, grease, corrosion deposit or algae that could prevent penetration of **CEMTEC SEALER 101**. A light sanding to the surface of CEMTEC MICRO CEMENT 101 is recommended to level and enhance the adhesion of the sealers. Properly cleaned the surface with non-contaminated cleaned cloths to removed dust or used air compressor. It is recommended that surface of CEMTEC MICRO CEMENT 101 must be cured for a minimum of 24 hours prior commencing to application of **CEMTEC SEALER 101**.

MIXING

CEMTEC SEALER 101 must be mixed well prior using for about 2-3 minutes using a low speeds drill mounted jiffy-type mixer (400/500 rpm). Allow **CEMTEC SEALER 101** stand for 1-2 minutes prior commencing to application.

APPLICATION

Apply two coats of **CEMTEC SEALER 101** by roller and air spray or airless spray. Apply in uniform manner, working back and forth while tapping the previous pass. Avoid heavy build up and runs or drips for uniformity of appearance. Apply the second coat, one to two hours after the first coat has dried thoroughly.

CLEAN UP

Tools and equipment should be cleaned with CEMTEC SOLVENT or XYLENE immediately after use. Run a cleaning solution thoroughly to spray equipment to remove residual material and prevent clogging of nozzle in future.

STORAGE

CEMTEC SEALER 101 will have a storage life of 6 months in unopened original packaging when kept in dry condition at 15°C & 45 °C. Storage at higher temperature and high humidity may reduce shelf life.

PRECAUTION

- Wear suitable protective clothing, safety goggles, gloves and respiratory protective equipment to avoid inhalation and contact with eyes and skin.
- In case of contact with eyes/skin, wash with plenty of clean water and seek medical advice.
- Do not apply to the concrete surface or at ambient temperature below 32°F(0°C).
- Do not apply to saturated surfaces or over standing water.
- Do not use in areas which may be subject to oil, grease, or fat spillage.
- Do not use on quarry tiles, glazed surfaces and floors exposed to underground water.
- No heavy traffic until the product has cured.
- Empty containers must be disposed of in accordance with current local regulations.
- Keep out of reach of children.

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Data Sheet

| | |
|------------------|--|
| COVERAGE | 20 liters of CEMTEC SEALER 101 will covers approximately 56 m ² @ 100 microns per two coats. The coverage will vary depending on application substrate, and finish. |
| PACKAGING | 20 liter - Pail |

Test Result as per ASTM D 1308

| Product that Stain @ 25 °C | Contact Time | Matt | Glossy |
|----------------------------|--------------|--------|--------|
| HCL Solution @ 10% | 2 hours | 5 | 5 |
| | 24 hours | 1(*) | 1(*) |
| NaOH Solution @ 10 % | 2 hours | 5 | 5 |
| | 24 hours | 1(*) | 5 |
| Ethanol @ 50% | 2 hours | 5 | 5 |
| | 24 hours | | |
| Acetone | 2 hours | 1(*) | 1(*) |
| | 24 hours | | |
| Black Tea | 2 hours | 5 | 5 |
| | 24 hours | | |
| Vinegar | 2 hours | 5 | 5 |
| | 24 hours | | |
| Ketchup | 2 hours | 5 | 5 |
| | 24 hours | | |
| Mustard Oil | 2 hours | 4(***) | 4(***) |
| | 24 hours | | |
| Fat | 2 hours | 3(**) | 3(**) |
| | 24 hours | | |
| Cooking Oil | 2 hours | 4(***) | 4(***) |
| | 24 hours | | |
| Lubricant | 2 hours | 3(**) | 5 |
| | 24 hours | | 3(**) |
| Grease | 2 hours | 5 | 5 |
| | 24 hours | 1(*) | 3(**) |
| Coffee | 2 hours | 5 | 5 |
| | 24 hours | | |
| Detergent | 2 hours | 5 | 5 |
| | 24 hours | | |
| Soap Solution | 2 hours | 5 | 5 |
| | 24 hours | | |
| Hot Water | 2 hours | 5 | 5 |
| | 24 hours | | |
| Cold Water | 2 hours | 5 | 5 |
| | 24 hours | | |

STAINED EVALUATION

| Rating | Observation |
|--------|--|
| 5 | No visible changes or No damage |
| 4 | There are slight changes in color or brightness. The light mark is visible only when light source is reflected to the tested area. |
| 3 | Moderate mark is visible in different angles. |
| 2 | Visible mark, However the surface of the coating does not change |
| 1 | Visible mark, the layer is partially or totally altered the coating structures. |

Note:

(*) in case of spill on the surface, immediate cleaning is recommended

(**) in case of spill on the surface, clean the spill before reaching 4 hours to avoid markings.

(***) in case of spill on the surface, clean the spill before reaching 6 hours to avoid markings

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

TSS/TD/060620/A

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The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.



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