

Product Description:

WINSEAL CM is an acrylic based polymer modified cementitious coating system. WINSEAL CM is a milky white liquid, which in combination with cement has excellent waterproofing and protection properties.

Silent Features of WINSEAL CM :

- Cures to a flexible film with excellent waterproofing properties.
- Allows breathing of concrete that prevents peeling & bubbling due to entrapped moisture.
- Has excellent adhesion to most building materials.
- Highly durable in continuously wet conditions after complete curing.
- Non-flammable & does not give off toxic gases when exposed to fire.
- Can be easily mixed with cement forming an impermeable polymeric film.
- High flexural strength & extraordinary adhesion of polymer increases compressive strength property of cementitious matrix.
- Resistant to ultraviolet light.
- Resistant to chemicals ranging from mild acids to alkalis.
- Compatible with new or old concrete.
- Does not facilitate carbonation.
- Applied in uniform thickness to horizontal and vertical surfaces.
- Reduces or prevents salt penetration into concrete

Field of Application:

- 1) Waterproofing terraces, balconies and terrace gardens.
- 2) To stop leakages from toilet units and sunken slabs.
- 3) Water proofing damp walls.
- 4) Arresting leakages in Storage tanks and reservoirs.
- 5) Waterproofing of Chajjas & Canopies.
- 6) Providing protection to exposed reinforcement and general concrete repairs.
- 7) As an admixture for providing waterproof plaster to external walls especially in high rise buildings.
- 8) As waterproof additive to any cement based paints used as a finishing coat.

Mixing and Coverage:

Product Mix	Coat	Coverage
1 Kg WINSEAL CM + 2 Kg Clean Water	For Primer coat .	20 to 25 Sqft per kg Avg thickness of 1.5 to 2mm
1 Kg WINSEAL CM + 1 Kg Clean Water + 3 Kg Cement (OPC)	For First coat	
1 Kg WINSEAL CM + 1 Kg Clean Water + 3 Kg Cement (OPC)	For Second coat	

Mixing Instructions:

- WINSEAL CM is mixed with neat cement until a mix of brushable consistency is obtained.
- The mix should be stirred thoroughly to remove any lumps and air bubbles in it. The mix should be used within a period of 15- 20 minutes after mixing.

Application Guidelines :

Surface Preparation:

1. Surfaces to be treated with WINSEAL CM should be clean free from oil, grease and loose particles. All laitance, and loose particles should be removed by wire brushing or mechanical scrubbing.
2. All damaged surfaces and cracks should be repaired first. With polymer modified slurry/mortar etc.
3. In case of badly honey combed surfaces give a layer of screed or plaster to make it worthy to receive WINSEAL CM system.
4. The surface should be made wet to saturated surface dry conditions before application.

Directions For Use :

1. Terrace, balconies, water tanks & terrace gardens water proofing.

The system consists of application of 2 or more barrier coats depending upon severity of problem. The coating can be covered with Plaster, brick bat coba, IPS, tiles etc. for additional protection. For better results use of one layer of fiber cloth reinforcement after first barrier coat.

- a) On the prepared terrace surface apply first coat of WINSEAL CM as primer and surface sealing, penetrating bonding coat by brush on pre wetted surface.
- b) Apply 1st coat of WINSEAL CM as Barrier Coat after 2-3 hrs in perpendicular direction.
- c) Apply 2nd / 3rd coat of WINSEAL CM as Barrier Coat after 4-5 hrs in perpendicular direction to previous coat.

2. Sunken slabs of toilets/bathrooms:

- a) On the prepared toilets/bathrooms sunken slab surface Apply first primer coat of WINSEAL CM.
- b) Apply 1st coat of WINSEAL CM as Barrier Coat after 2-3 hrs in perpendicular direction.
- c) Apply 2nd coat of WINSEAL CM as Barrier Coat after 4-5 hrs in perpendicular direction to 1st coat.

3. Seepages and dampness through walls

- a) Remove the entire plaster.
- b) Apply 1st coat of WINSEAL CM as Barrier Coat over exposed area and allow to cure it for 2-3 hrs.
- b) Apply 1st layer of plaster mixed with pure WINSEAL CM 5 % of cement and cure it of 3 to 4 days.
- c) Apply 2nd and final layer of plaster and cure normally.

4. For protection of exposed reinforcing steel.

- a) Clean the steel reinforcement and apply two Barrier coats of WINSEAL CM.

Cleaning of Tools :

Tools and equipment contaminated with liquid WINSEAL CM can be cleaned with water. Cleaning should be done before it starts to gel or harden

Packing : WINSEAL CM is available in 20, 50 Kgs containers.

Safe Handling :

Use gloves, goggles and barrier cream. Avoid contact with skin. Ensure adequate ventilation during application. For further detail, refer to Material Safety Data Sheet.

Water-borne Ecofriendly Green Polymer Technology !!!

TECHNICAL SUPPORT

Technical information and guidance regarding WINSON range of admixtures, repairs and bonding, water proofing systems, epoxy industrial flooring systems etc, will be available from the technical services department, of WINSON POLYMER TECHNOLOGY. WINSON range of products undergoes high standard quality checks and every reasonable precaution is taken in the manufacture of all products. WINSON continuously strive to ensure the products, recommendations, specifications & information given is reliable, correct and accurate. No specific guarantee can be assured as product performance depends not only on quality but also on many other factors which are not under our control. The customer should make his own trials to determine the compatibility of the product for his own purpose. All products are sold subject to our standard terms and conditions of sale.