

PRODUCT DATA



- 2065 FLEXI-COAT

(PLASTICIZER-FREE POLYMER MODIFIED FLEXIBLE CEMENTITIOUS WATERPROOFING MEMBRANE)

INTRODUCTION

 **-2065 FLEXI-COAT** is a polymer modified two component cementitious coating system formulated as a plasticizer-free aqueous dispersion based on styrene and acrylic well compatible with cement specially meant for construction purposes. It is supplied in predetermined ready to mix kits, when applied properly the layer so obtained is flexible, elastomeric, crack bridging, water, oil, petrol & diesel proof, micro-organisms, fungus/mildew resistant, non-flammable, non-toxic, U/V resistant, non-cracking, vapor barrier, abrasion and temperature resistant, fair to dilute acids/alkalis.

USAGES

- Water Proofing of roofs, basements, OH/UG tanks, pools, ponds, foundations, flower troughs, effluent drains, canals, embankments, retaining walls etc.
- Protective coating against corrosive media, concrete protection against chlorinated splash water for pavements, bridges, curbs etc.
- Effectively covering honey combed and pitted poured concrete.
- Water proof membrane in sandwich construction.
- Foundation and below ground concrete elements protection.
- Marble, Granite, Porcelain & Ceramic tile backing for prevention of water ingress.
- Protection against brackish water
- Anti-fungus moisture and vapor barrier external coating for building exteriors, facades, walls and ducts.

PACKAGING & COVERAGE

-  **- 2065 FLEXI-COAT** is supplied in 20 kg. two part packs.
- A complete homogenously mixed pack will cover approximately 7 Sq. Mtr. at 2 mm thickness depending upon surface condition and substrate profile.

TECHNICAL DATA

- Color : Grey/Off white when mixed with OPC/White Cement.
- Odor : Odorless upon drying.
- Pot Life : 45 minutes
- Application Temp : Minimum 5 °C.
- Flash Point : Non-flammable.
- UV Resistance : 10,000 hours (no affect)
- Peel Adhesion : 60 lb/inch²

ADVANTAGES

- Excellent for application over Concrete, Asbestos/Asphalt Roofs, Under Screed and all such other porous surfaces.
- High bond strength to concrete and masonry.
- Completely safe and non-toxic for potable water tanks and reservoirs.
- Withstands high hydrostatic pressures.
- Excellent protection for pipe lines & grain silos.
- Water proofs severely weathered, cracked and leaking existing asphalt roofs.
- Completely safe being non-flammable, resistant to fungus, aging & UV radiation.
- Completely water tight after drying even when immersed for longer period of time.
- No risk of creeping due to hot weather, mechanical stress or oxidization & withstanding temperatures from -20° C to over 160° C.
- Imparts no taste, odor or color to products coming in contact, once cured.
- Accepts light foot traffic.
- Storage life in excess of one year.

MIXING

Pour Part-A in the mixing port and add Part-B to the liquid slowly whilst mixing with a spiral paddle attached to a low speed mixing machine or pedestal electric drill machine. Minimum mixing time 5 minutes. While mixing do not add any water.

APPLICATION

- Dampen the surface for best results. Porous substrates must be extensively pre-soaked.
- Free water on the surface must be removed prior to applying the Flexi-Coat.
- Apply the **1st Coat** of the mixed content by medium hard short brush, trowel or roller ensuring that the first wet coat must not be less than 0.5 mm and more than 1.5 mm.
- The product should always be finished in one direction.
- Apply the **2nd Coat** as soon as the 1st coat is set hard. Normally an interval of 3 to 6 hours may be given between two coats. The second coat should also be finished in one direction at 90° to the 1st coat.
- The total thickness should be 1-2 mm on walls and 1-3 mm on floors depending on the anticipated water pressure. Generally the total coating thickness should be 1 mm on walls and floors where the hydrostatic pressure is not likely to exceed 0.5m, 1.5 mm on walls and 2 mm on floors for hydrostatic pressure up to 3m and 2 mm on walls and 3 mm on floors in the case of higher hydrostatic pressure.

HEALTH & SAFETY

- The product contains alkalis proper care & protection should be provided to prevent contact with skin and eyes. Gloves, goggles and dust mask must be worn while mixing to avoid inhalation of dust.
- In case of contact with eyes wash with plenty of water and seek medical advice.
- In the case of skin contact rinse with plenty of clean water and followed by washing with soap and water.

STORAGE/SHELF LIFE

The product should be stored at well ventilated & cool atmosphere in original un-opened packs. Use within 12 months from manufacturing date.

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Important Notice:

The information submitted in this leaflet is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislations are observed

