

SUNEXT - 8

100% ALIPHATIC ACRYLIC, DECORATIVE, WATERPROOFING, HEAT INSULATING, EXTERIOR, ANTI-CARBONATION COATING

DESCRIPTION

SUNEXT- 8 is a 100% aliphatic, acrylic polymer chemistry based heat insulating, waterproofing, anti-carbonation exterior coating.

mortar.

- In case of steel surfaces, remove all scales, rust and grease.

USES

- Protects external surfaces against carbonation and similar environmental attacks.
- Provides durable and long lasting finish to the external surface.
- Can withstand extreme climatic changes like heavy rainfall, high humidity and heat.

ADVANTAGES

- A single component liquid that is easily applied by brush.
- Protects the structures from water leakages or dampness.
- Prevents rise in internal temperature.
- Does not peel or crack.
- Prevents carbonation of concreted and thereby increases the total service life of the structure, thus reducing maintenance cost per year.
- Prevents formation of fungi and algae hence, exteriors look freshly painted for years.
- Has excellent UV stability.
- Has a fairly good resistance to abrasion due to normal wear and tear.

INSTRUCTIONS FOR USE

Surface Preparation & Cleaning

- Life and performance is directly dependent on the extent and quality of cleaning.
- Clean the surface to remove dirt, loose particles, flaking paint, etc.
- Examine the surface closely for any cracks or openings
- Fill cracks and blowholes with POLYFILL AR and for specialized cracks use POLYALK EP

Surface Preparation & Cleaning

- Open the container and stir well with a Mechanical stirrer to attain uniform consistency.
- Mix one litre SUNEXT-8 with potable water as per table below in a clean container.
- Stir thoroughly.
- Apply by brush, roller or spray.
- Depending on the recommendations, apply two or three coats.
- Maintain a minimum interval of 4-6 hours between successive coats.
- During the entire application & set period protect the coating from dust, dirt and grease

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Appearance | White / pigmented viscous emulsion |
| Odour | Slight acrylic odour |
| Specific Gravity | 1.3 ± 0.1 at 25°C |
| pH | 7.0 to 10.00 |
| Viscosity | 18 to 30 sec. at 25°C by Ford Cup No. B-4 (Dilute 2 parts of product with 1 part of water) |
| CO ₂ diffusion resistance co-efficient (DIN EN 1062-6 (2002-10)) | 7.59*10 ⁵ |
| CO ₂ diffusion equivalent air layer thickness | 127m @ 190 microns DFT |

| | | |
|---|---|----------------------------------|
| (DIN EN 1062-6 (2002-10) | | |
| Adhesion (ASTM D 4541) | 2.3 N/mm ² (Concrete / Substrate Failure) | |
| Solar Reflectance Index (ASTM E 1980-11, EN 673:2011, EN 410:2011) | 107 | |
| Coverages | Water Dilution per litre of SUNEXT 8 | Approx. Coverage |
| | 200 ml Water | 4 - 5 m ² /L/ Coat |
| | Max 400 ml water | 6 - 7 m ² /L/ Coat |

PACKING

20 litre MS pails.

COLOUR

Available in all shades. However, off white, ivory and light shades are recommended.

STORAGE & SHELF LIFE

12 months when stored in a cool & dry place; away from direct sunlight, in original sealed packing.

HAZARDS IDENTIFICATION

Health hazards: No particular hazard known. If the product spills on to the skin and dries up, some irritation may occur.

FIRST AID MEASURES

- Skin contact: Immediately wash thoroughly with soap and water.
- Inhalation: Remove to open air. Seek medical attention.
- Contact with eyes: Immediately wash under running water with eyelids open for at least 15 minutes. Seek medical attention.
- Ingestion: Rinse mouth thoroughly and drink plenty of water. Seek medical attention.

ACCIDENTAL RELEASE MEASURES

Environment Care: Clean small spillages immediately with water. Contain large spillages with suitable absorbent materials. Dispose the waste water/ absorbent material in accordance with local regulations.

QUALITY ASSURANCE

All products are manufactured under a Quality Management System for Design, Manufacturing and Selling of Construction Chemicals as per the standards of ISO 9001: 2008