

SUNKOLL 2 - COMPOUND Technical Data Sheet

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ABILITY ♦ STABILITY ♦ DURABILITY

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SUNKOLL 2 - COMPOUND is a two component acrylic polymer-modified cementitious high performance coating. This product can be used for both positive & negative side waterproofing due to its excellent bonding, good waterproofing and unmatched resistance to hydrostatic pressure.

How To Use



Technical advantage of SUNKOLL 2 - COMPOUND

- Water Proofing : Resists up to 5 bars of positive hydrostatic pressure
- Elongation : Highly elastic film which provides elongation up to 100%
- Anti-Efflorescence : Provides lasting protection against efflorescence
- Anti-Carbonation : It protects concrete against carbonation
- Seamless Coat : Forms a seamless coat without any joints
- Adhesion : Excellent bond strength with cementitious substrates
- High Solid Content : Acrylic Polymer with high solid content
- Usage : Easy to apply

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Water Proofing Chemicals | Adhesives | Grouts/Epoxy Grouts | Wall Putty

HOW TO APPLY PRE PAINTING STEPS



SURFACE PREPERATION Surface under treatment should be strong enough, clean and free from oil or loose materials. Masonry surface should be fully cured prior to application. In case of efflorescence, cement plaster should be removed from the affected areas up till the brick level. Surface cracks (< 3mm) must be filled with SUNKOLL CRACK PACKR . Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars. Prior to application the surface must be in Saturated Surface Dry (SIL) condition.



MIXING Add powder to liquid (2 parts powder & 1 part liquid) slowly while stirring. In case of bulk volume use mechanical stirrer. Mix the entire quantity until a smooth homogeneous slurry without lump is achieved. Keep the slurry undisturbed for 5-6 minutes to release entrapped air during mixing.

HOW TO APPLY

| APPLICATION | PROCEDURE |
|-------------|--|
| STEP 1 | Apply SUNKOLL 2 - COMPOUND slurry by brush or roller over SSD masonry/brick surface |
| STEP 2 | Allow the 1st coat to dry for 4-6 hrs (drying depends on ambient temperature) and then apply 2 |
| STEP 3 | The 1st coat & 2nd coat must be applied in perpendicular direction for better results |
| STEP 4 | Achieve a coverage of 15 sq.ft./kg/coat |
| STEP 5 | If the application is being done on bricks, overlay of cementitious screed within 24 to 48 hrs. For screeding use SUNKOLL CONCRETE MIXTURE as an integral waterproofing compound |
| STEP 6 | It is essential to cure SUNKOLL 2 - COMPOUND/overlay screed for a minimum of 3 to 5 days to ensure full cement hydration |

Product & Working Data

| | | |
|---|-----------------------------|---------------|
| Mix ratio (Powder: Liquid), parts by weight | 2:1 | |
| Surface Dry time, minutes | 45 | ASTM D 1640 |
| Recoatibility time, Hrs | 4-6 | |
| Cure time after 2nd coat, days | 3-5 | |
| Positive Hydrostatic Pressure | Resist up to 5 Bar Pressure | DIN 1048 |
| Negative Hydrostatic Pressure | Resist upto 4 Bar Pressure | |
| Elongation at break, % | 100% | ASTM D 412 |
| Adhesion strength, MPa | 0.8 | ASTM D 4541 |
| Crack Bridging | No cracking up to 1.2 mm | ASTM D 4548.5 |
| Reduction of rapid chloride | 70 | ASTM C 1202 |
| Water Vapor Permeance, Perms | 0.3 | ASTM E 96 |

SAFETY FEATURES

- Kindly refer to SUNKOLL 2 - COMPOUND which gives detailed information on safety measures.
- Store the container with the lid tightly closed in an upright position, in a cool & dry place.
- Keep out of reach of children and away from eatables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapour or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.
- In the event of spills, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.



SUNKOLL Green Building Index :

SUNKOLL Range of Products are most eco-friendly and suitable to use in all kind of buildings including certified green. Apart from using best of international raw material for best performance, SUNKOLL procure the major raw material locally to safeguard environment.

SUNKOLL Quality & Safety Assurance

Products supplied are safe to use by any worker at site. However proper tools and safety measures must be in place for prolong working. The gloves, safety glasses and other protection measure must be followed as per local regulation.

Declaration :

Check before using the product about performance and final expected results. **SUNKOLL** cannot be held All the above information and results are provided based on **SUNKOLL** internal quality test. Customer must responsible for any damage of whatsoever nature at site.

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