

# Proviato WB

Decorative Texture Finishing & Waterproofing for Concrete and Plastering

**Description**

**Proviato** is an acrylic-based waterproofing & decorative, texture coating for concrete and plastered surfaces. It actually becomes a part of the surface. It is used above or below grade, inside or outside, on poured concrete, pre-cast concrete, brick, stone, and all types of concrete and plastering, except floors.

It is similar in performance to time-tested **Kemseal**, but is specifically formulated for application by plasterers – type spray– gun or trowel.

**Proviato WB** comes in a ready form to apply to produce a uniform decorative the coating that possesses high density and compressive strength, great durability and hardness, and nice shape preferred by all architect engineers.

**Where to use**

- It is used for interior and exterior plastering.
- It can be applied to all kinds of cement rendering, concrete, and gypsum.

**Advantages**

- A heavy–base acrylic coating, not a thin paint film.
- Protects surfaces with waterproofing & decorative durable finish.
- Fills and seals holes, and voids from marks and honeycombs.
- Actually becomes part of the surface.
- Maintains architectural details of fluting vertical lines, grooves, decorative moldings, etc., but hides all flaws, and plastering faults.
- Weatherproof.
- Resist UV rays.
- Breathable.

## Properties

|                          |                             |
|--------------------------|-----------------------------|
| Sp. gr.                  | 1.74 ± 0.17                 |
| Appearance               | Colored paste               |
| Solid content by volume  | 80 %                        |
| Adhesion                 | 2 MPa                       |
| Water Absorption         | 0.22 kg/m <sup>2</sup> .day |
| Tensile Strength         | 2.2 MP                      |
| UV-resistance            | Excellent                   |
| Fungus resistance        | Treated                     |
| Compressive Strength     | 27.5 MPa                    |
| Flexural Strength        | 6.2 MPa                     |
| CO2 diffusion resistance | Equiv. 2 cm concrete        |
| Water vapor transmission | 21.8 Perms.                 |

It complies with **ASTM C-109, 190, 348, 67,666, 531, G-26, E96, EN BS 998**

|                         |   |
|-------------------------|---|
| Surface Preparation     | <ul style="list-style-type: none"> <li>• Concrete to receive <b>Proviato WB</b> should be carefully formed to provide a smooth surface, free of form marks and in good condition to receive a coating of approximately 3mm in thickness.</li> <li>• From treatments or curing compounds should not contain any ingredients which might stain through or otherwise injure the concrete or prevent a good bond for subsequent coating or finishes.</li> <li>• Dampen these areas with clean water and then patch them flush with the surrounding area using <b>Kemrepair</b> to fill all honeycombed areas that are 1 cm or more in-depth</li> <li>• Remove all concrete appurtenances that extend above the level of the surface by use of a mortar hoe, stone, or grinding.</li> <li>• The surface to be coated must be clean, and free of all laitance, dirt, dust, and grease from oil, efflorescence, paint, and foreign materials.</li> <li>• Remove all traces of form-release materials and curing compounds.</li> <li>• Plastered walls to receive <b>Proviato WB</b> should be in good condition, properly cured, laid true, and free of efflorescence.</li> <li>• If the surface is hot or the material starts to drag dampen the surface with clean water.</li> <li>• Do not apply the material to a hot surface, cool the surface with clean water first, and try to work in shade as much as possible.</li> <li>• Apply a base coat Kemseal of 1 Kg/m<sup>2</sup> for extra positive and negative waterproofing.</li> <li>• Allow this coat to cure for 1 day.</li> </ul> |
| Trowel and float finish | <ul style="list-style-type: none"> <li>• Mix in sufficient quantities so that the mixture has a consistency suitable for application by trowel.</li> <li>• Power mixing is better.</li> <li>• The worker should follow with a trowel; the surface should be textured uniformly in one direction.</li> <li>• Allow curing for 5 – 7 days.</li> </ul>   |
| Theoretical coverage    | 5 - 6 Kg/m <sup>2</sup> ( 3mm. thick )  |
| Packaging               | 20 Kg. Sacks.   |
| Shelf life & Storage    | It has a shelf life of 12 months if kept in its original packaging in a dry condition.  |
| Health and Safety       | <ul style="list-style-type: none"> <li>• While using the product, gloves and goggles must be worn.</li> <li>• Splashes to the skin or eyes should be washed with clean water,</li> <li>• in case of prolonged irritation seek medical advice</li> </ul>   |
| Additional Information  | <p><b>PROKEM</b> provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble-free durable structures.</p> <p><b>PROKEM</b> designs tailor-made products should there be a critical application that requires specific properties rather than our main range for our customer's satisfaction.</p> <p><b>PROKEM</b> reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current terms of sale &amp; delivery.</p> <p>Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.</p> <p><b>PROKEM</b> extends technical services to include after-sales support to assist users in the proper handling of our products.</p>  |

