

PRODUCT DESCRIPTION

PlekoRender PR is a factory mixed water-resistant patch and repair premixed render designed for durability and ease of use. Its unique formulation of hydraulic binders, selected aggregates, and special chemical additives ensures long-lasting protection against moisture, making it an ideal choice for repairs and renovations in both indoor and outdoor settings. It is easy to use by just adding water, improving on-site quality control.

USES

PlekoRender PR is perfectly suited for internal and external plastering on block walls and rough surfaces, ensuring a smooth and durable finish. This premixed render can be applied effortlessly on both vertical and overhead surfaces, making it a practical choice for challenging repair tasks. It adheres well to concrete surfaces, including smooth and precast concrete, without the need for a scratch coat, simplifying the application process. PlekoRender PR allows for plastering up to a thickness of 8mm in a single application, providing a robust and even coverage for a professional-appearance...

APPROVED SUBSTRATES

PlekoRender PR is designed to adhere to a variety of substrates, ensuring reliability in a wide range of construction and repair scenarios. The approved substrates for PlekoRender PR include: Block walls, concrete surfaces, rough surfaces, vertical and overhead surfaces...

PACKAGING

25 or 50 kg in multiply paper bag or 1-1.5Ton in jumbo bag

COVERAGE / YIELD

Approx. 1.60-1.65 Kg/mm/sqm. Recommended thickness between 3-8 mm per layer. 1 ton yields approx. 655L
 Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **Water Resistant**
- **Shrinkage compensated**
- **Economical**
- **Superior Workability**
- **Crack Free**
- **Suitable for hot climate**
- **Factory Controlled Quality**

TECHNICAL DATA

Appearance	Free-flowing greyish powder
Bulk Density (Kg/L \pm 0.5)	1.65
Water Demand (%)	18-22
Recommended Thickness (mm)	3-8
Tensile Bond Strength* (N/mm ²)	\geq 0.7
Compressive Strength* (N/mm ²)	\geq 9.0

*after 28 days

Applicable Standards: BS EN 998-1 :2010; EN 1015-2; EN 1015-10; EN 1015-11; EN 1015-12; EN 1015-18; EN 12808-4

INSTALLATION

SUBSTRATE PREPARATION

Surface must be sound, clean, dry, free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds. It should have been sufficiently cured in a way that any shrinkage has already occurred. Moisten slightly the substrate with clean water prior to application. Surface should appear damp with no water running.

Cracks in the substrate should be repaired before applying render. It is recommended to prepare surface by applying PlekoBond A or PlekoBond AC.

MIXING

Use a clean container free of all foreign substances for preparing and mixing material. Use a heavy duty electric drill and mixing paddle. Add in small increments while mixing thoroughly to achieve lump-free consistency. Avoid working excessively to prevent air entrapment. Let mixture set for 5 minutes and re-temper. Small amount of clean water may be added if necessary to improve workability, but do not add water once the mixed mortar starts to harden.

APPLICATION

Apply PlekoRender PR in a single layer (3-8mm) or multiple layers up to 20 mm on either rough or smooth surfaces to achieve the required thickness. For applications involving multiple layers, ensure that each layer does not surpass 8mm.

Apply material by stainless steel trowel, firmly pressing against the substrate to ensure proper adhesion. If conducting a single-layer repair, proceed to smooth the surface immediately. For a multi-layer application, allow the first layer to partially set then and roughen the surface to mechanically grip the next coat allow to fully set, then, apply the second layer in the same manner as the first, ensuring the total thickness does not exceed 20 mm..

CURING

PlekoRender PR should be cured for 2-3 days before painting. In hot & dry conditions, to minimize the risk of surface cracks, cure by spraying clean potable water every 8-12hrs for 3 days;.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Avoid applying on hot surfaces. Protect from direct sunlight, wind and rain during application

Do not mix with any additive or product unless recommended by Pleko.

Pleko bears no responsibility for the defects due to the improper or non-recommended use of the product.

CLEANING

While still fresh, soluble in water. Clean all equipment with water immediately after use. After hardening, tools should be cleaned mechanically.

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container off the ground. Storage time must not exceed one year.

HEALTH AND SAFETY

Avoid contact with eyes and skin. Prevent inhalation of dust.

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention.

The product is non-flammable

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. Technical data are generated under laboratory conditions, some variations are expected due to weather, site, and application conditions which are beyond the control of the manufacturer. We reserve the right to change any given specification without notice.