

PRODUCT DESCRIPTION

PlekoProof Mastic is a flexible, high quality, elastomeric acrylic mastic used to repair irregularities, cracks and joints prior to waterproofing systems. Its unique formulation provides a seamless membrane that is tough yet flexible, crack resistant, weather and UV resistant. Specially designed to withstand extreme weather conditions.

USES

For exposed waterproofing applications for areas such as concrete roof decks, balconies, firewalls, metal profile roofs, terrazo roof tiles, PU foam roofs, old waterproofing membranes, wet areas, precast walls.... The flexible thick film formed can bridge cracks up to 3mm.

APPROVED SUBSTRATES

Precast concrete, concrete masonry, rendered surfaces bricks, metal sheets, fiber cement boards, gypsum boards, tiles, PU foam insulation.... Suitable or re-roofing over existing old roof.

COLOR

White Color

PACKAGING

20 Kg per pail.

COVERAGE

Approx 1.2-1.6Kg per sqm per coat, depending on film thickness and type and porosity of substrate.

Manufacturer does not warrant square meter coverage, which can vary greatly according to usage, film thickness, substrate porosity, texture, surface imperfections, temperature and application method

PROPERTIES

- **Single Component, Easy to Apply**
- **Seamless Waterproofing**
- **Outstanding Protection Against UV**
- **Crack Bridging**
- **Heat & Solar Reflection**
- **Superior Durability**
- **Excellent Adhesion**
- **Fungus and Mold Resistant**
- **For all kinds of slopped roofs**

Appearance	White Liquid
Bulk Density (Kg/L \pm 0.5)	1.42
Solid Content (% \pm 1)	72
Adhesion Strength (N/mm ²)	>0.8
Positive Hydrostatic pressure @ 3 bar (30m)	Pass
Negative Hydrostatic pressure @ 1 bar (10m)	Pass

ADHESION

Excellent adhesion to approved, properly prepared substrates.

DRYING TIME

Touch dries in approximately 4 to 8 hours. Allow 24-36hrs between coats. Drying speed highly depend on thickness applied, temperature and humidity. Allow system to cure at least 72hrs to achieve full mechanical properties.

SOLUBILITY

While still fresh, soluble in water. Clean all equipment with water immediately after use.

SHELF LIFE

24 Months

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. For prolonged storage it is recommended to periodically turn pails upside down to avoid sedimentation.

INSTALLATION

MIXING

Mix thoroughly until uniform consistency taking special care to avoid excessive up and down motion with drill and blade.

SUBSTRATE PREPARATION

Surface must be sound, clean, dry, and free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds. The surface must be free of any irregularity. Cleaning may be accomplished by wire brush, sandblasting, forced air, hydro blasting or other methods. For friable surface application of a bonding agent from PlekoBond range or PlekoProof Primer is highly recommended.

APPLICATION

Apply first coat by trowel or spatula, without dilution, on previously primed irregularities, cracks and joints, immediately embed PlekoMesh WP Det in wet film. Allow 12 to 24hrs to fully dry, then apply second coat at right angle to the first to achieve a final thickness not less than 1mm and making sure the mesh is fully covered. The maximum openings of the cracks should be 5 mm, for larger cracks use PlekoMortar grades.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Do not allow to freeze. Do not apply to substrates which are wet from dew or rain. Must be protected from rain and freeze until hardened.

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

HEALTH AND SAFETY

Avoid contact with eyes and skin. Prevent inhalation of dust. For detailed information refer to relevant material safety data sheet.

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. We reserve the right to change any given specification without notice.

