



Technical Data Sheet

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Product name

PLASCON RUBBERTUFF WATERPROOFER

PRODUCT DESCRIPTION

Plascon RubberTuff Waterproofer is a premium-quality rubber-acrylic roof coating engineered to deliver exceptional waterproofing performance and enhanced weather resistance. The advanced formulation creates a seamless, tough yet flexible barrier designed to protect roofs from water ingress and harsh environmental conditions.

INTENDED USES

- Suitable for roof waterproofing, refurbishment and general maintenance on prepared substrates including galvanised iron, cladding, roof tiles, fibre cement, zincalume, Aluzinc, Chromadek, gutters and downpipes.
- Sealing and protecting roof details such as lap joints, cappings, flashings and parapet walls
- Application to new and previously painted cementitious and galvanised roofs

FEATURES AND BENEFITS

- Highly flexible, designed to accommodate normal roof and structural movement.
- Seamless waterproofing membrane, for excellent water resistance, including areas subject to intermittent water exposure or temporary ponding conditions.
- Crack-resistant technology for long term waterproofing integrity.
- Superior UV and weathering resistance for extended durability.
- Excellent adhesion across multiple roofing substrates.
- Easy to apply and maintain – simple recoat process for future upkeep.
- Backed by a 12-year guarantee, ensuring long-term protection.



PRODUCT INFORMATION

Appearance	: Smooth Medium Sheen
Colours	: White, Black, Dark Grey, Charcoal, Light Grey, Red, Terracotta Green
Generic Type	: Acrylic Emulsion
Specific Gravity	: 1.28 – 1.34 g/mℓ
Recommended DFT	: 35 - 50µm (roof coating); 200 - 250µm (water proofer)
Theoretical Spreading rate	: 8 - 12m ² /ℓ (roof coating); 1.5 - 2m ² /ℓ (water proofer)
Practical Spreading rate	: The practical spreading rate will vary depending on the type and profile of the substrate as well as the application technique and tools used.
TVOC	: 26 g/ℓ

APPLICATION DETAILS

Mixing	: Stir thoroughly with a flat paddle until homogenous.
Method	: Brush, roller or airless spray.
Thinning	: Not recommended - ready for use
Cleaning	: Water
Application environment	: Surface Temperature Min*: 10°C Max: 40°C : Relative Humidity Min*: 10% Max: 85% *or 3°C min. above dew point
Drying Time	: Touch dry 30 min at 23°C : Recoating 2 - 4hours at 23°C

STORAGE AND PACKAGING

Store away from direct sun, heat and severe cold.

Packaging: 1L ,5 L and 20 L.

SURFACE PREPARATION

All surfaces must be clean, firm (sound) and thoroughly dry before painting. Remove any fungal growth or algae with household bleach (3,5% solution of sodium hypochlorite) thinned 2 parts bleach to 1 part water by volume. Leave on surface for approximately 1 hour and then scrub with a hard bristle brush to remove all dead growth. Rinse thoroughly with fresh water. Allow to dry. Repair leaks, cracks and defective flashing using Plascon RubberTuff Waterproofer in combination with polyester membrane reinforcement where required.





NEW SURFACES

- **Galvanized Iron**

Clean using **METALCARE GALVANISED IRON CLEANER (GIC 1)**. Hose and scrub down with a hard bristle brush and fresh water and repeat cleaning process until a water break-free surface is obtained. Allow to dry. Prime with **METALCARE GALVANISED IRON PRIMER (GIP1)**. Areas showing red rust must be abraded back to bright metal, patch primed with **PLASCOSAFE 18 PRIMER (EMS 18)** and then the whole surface primed with **GALVANISED IRON PRIMER (GIP 1)**.

- **Zincalume, Aluzinc, Chromadek**

Scrub surface thoroughly with **POLYCELL SUGAR SOAP POWDER** solution (500g into 5L water). Rinse thoroughly with clean water to neutralise. Allow to dry. Prime with **EPIWASH STRONTIUM CHROMATE PRIMER (AW 255)**. Allow 4 hours to dry but not more than 14 days before overcoating.

- **Fibre-Cement Sheeting, Cement Tiles, Cement Plaster, Concrete and brickwork**

Remove dust, dirt, loose granules, friable and powdery material with high-pressure water jet or alternatively scrub down with a hard bristle or wire brush and water. Allow surface to dry. Ensure moisture content is less than 10%. Seal entire surface with **PLASCON BONDING LIQUID (CVI 14)**. Allow 16hours to dry.

- **PVC gutters and Downpipes**

Sand lightly, remove dust. Prime with Plascon Multisurface Primer (**WUP1**)

- **Wood**

Sand lightly and dust. Seal with Plascon wood Primer.

PREVIOUSLY PAINTED SURFACES

- **In Good condition**

Remove faulty paint and scrub entire area with **POLYCELL SUGAR SOAP POWDER** solution (500g into 5L water). Clean with high-pressure water jet to remove sugar soap solution, chalk and dirt. Prime with appropriate primer as prescribed under New Surface preparation.

- **In Bad condition**

Loose flaking paint must be completely removed by scraping/hydro blasting. Rinse and allow to dry. Where paint surfaces have chalked on exterior exposure remove as much loose powder as possible by scrubbing with a **POLYCELL SUGAR SOAP** solution. Rinse with clean water and allow to dry. Apply appropriate primer as prescribed under New Surfaces.





- **Weathered Enamel**

Clean surfaces with **POLYCELL SUGAR SOAP POWDER** solution. Sand glossy enamel surfaces to a matt finish and dust off. Rinse with clean water and allow to dry. Then apply appropriate primer as prescribed under New Surfaces.

APPLICATION INFORMATION

Roof Coating Application

- Apply by brush, roller or airless spray undiluted at a spreading rate of 8 - 12m²/L.
- Allow at least 2hours drying time between coats. NB: When painting corrugated sheet roofs, start at the apex and work downwards completing a full sheet at a time joining in the valleys to avoid lap marks.
- Always maintain a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture. Work from corner to corner or from a natural cut off point to another. Do not attempt touch ups but redo complete panels.

Waterproofing Application

- Apply an undiluted coat to the prepared and primed surface at a spreading rate of approximately 1.5–2 m²/ℓ. Allow a minimum 4 hours drying time between coats under normal drying conditions. System build-up is typically achieved in 2–3 coats depending on substrate porosity and required film thickness.
- For roof joints, roof screws, cracks, flashings, parapet walls, and wall or chimney cappings, reinforcement with polyester membrane is recommended to achieve maximum waterproofing performance.
- Apply a generous coat to the prepared area and embed the polyester membrane into the wet coating, ensuring it is fully saturated and free of air pockets.
- While the coating is still wet, apply an additional coat to fully cover the membrane.
- Once dry, apply a further coat over the reinforced area. A final finishing coat may be applied after full drying to ensure complete encapsulation and uniform protection.

CAUTIONS

- The painting of slate, clay, slurry tiles and wooden shingles is not recommended.
- Ensure that thorough surface preparation recommendations are adhered to on all substrates.
- To ensure that colours on a project are consistent, check that batch numbers are the same.
- Do not apply in wet conditions or when rain is imminent.





SAFETY PRECAUTIONS

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- Do not pour paint down the drain.
- In case of skin contact, wash with soap and water or a recognised skin cleaner.
- Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.
- Refer to Safety Data Sheet for complete information.

DISCLAIMER

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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