PROMAC PAINTS

Our Quality Spreads Further

TECHNICAL DATA SHEET

P.DS.172 (FB SERIES) REV03/02/2023

WATER BASED

RUBBER DUCK RAIN GUARD

ISO 9001

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YEAR QUALITY GUARANTEE

Promac Rubber Duck Rain Guard is an acrylic waterproofing system comprising of a combined saturator, sealer and topcoat used in conjunction with a membrane (reinforcing polyester fabric). Prevents water ingress into roofs, parapet cappings, masonry walls and seals cracks / holes where leaks may occur. Promac Rubber Duck Rain Guard can be used to treat difficult areas where conventional waterproofing is required.

USES

Exterior

- Sealing of cement roof tiles and cappings
- Sealing of plastered exterior walls and parapet walls
- Sealing of roof flashings, joints and fastener heads
- Waterproofing of flat roofs (e.g.concrete, screeds, IBR-zinc sheeting)
- Waterproofing of timber and building board / composite board roofs

FEATURES & BENEFITS

- Lead content, less than 90 ppm
- Excellent adhesion to suitably prepared surfaces
- Forms a watertight system with the membrane
- Low density system: Does not add excess weight to structures
- Non-toxic
- Tough and flexible
- Water clean-up
- May be overcoated with quality acrylic topcoats

TECHNICAL DATA

PHYSICAL FORM	Paint: non-flammable, water-based viscous coloured fluid. Membrane: uncoloured needle-punched polyester cloth
COLOUR	Range of Standard Colours
FINISH	Low sheen
POLYMER TYPE	Modified flexible acrylic latex
SOLIDS	35 – 39% by Mass, 22 – 26% by Volume
S.G. at 23°C	1.205 ±0.05 Kg/L
PH	8.5 – 9.5
VISCOSITY	110 – 115 KU
PIGMENTS & FILLERS	Non-toxic, weather resistant types
SPREADING RATE	Approximately 2,5 l/m² or 0.4 m²/l per application for the complete waterproofing system.
DRYING PROPERTIES	Touch dry 1 hour
RECOATING TIME	4 – 6 hours-depending on conditions during drying & film build
FLASH POINT	Not flammable
PACKAGING	5ℓ & 20ℓ

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THINNING	No thinning required. Product is supplied ready for use.
CLEANING	Equipment is readily cleaned using water provided the paint is still wet. Cured paint may be removed using Promac Brush Cleaner
APPLICATION METHOD	Apply with a suitable brush or roller

DO NOT PAINT

- IF THE TEMPERATURE IS BELOW 10°C OR ABOVE 35°C
- IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
- IF IT IS RAINING OR RAIN IS FORECAST
- BEFORE 9H00 AND AFTER 16H00 IN THE WINTER

IMPORTANT

- Do not use underneath tiles or areas of long-term ponding.
- Masonry surfaces may be friable : treat with a suitable Promac bonding liquid.
- Metal surfaces must be primed with a suitable Promac Metal Primer.
- Raw brick walls must be primed with a suitable Promac Plaster Primer.

SURFACE PREPARATION

General: Ensure surfaces are dry (15% moisture maximum), in sound condition, clean and free from any contaminants.

Poorly adherent materials: Remove all poorly adhering material such as loose particles and damaged existing paint from the surface. If not effectively removed with the use of high-pressure water cleaning, then remove with the means of mechanical methods such as Hand or Power tool cleaning methods.

Fungicide, mould & bacteria: Remove fungicide, mould, bacteria, and other contaminants of a similar nature from the surface with RB10 Anti-fungicide or Promac Galv Prep.

Oils, grease & grime: Remove oils, grease, grime, and other contaminants of a similar nature from the surface with RB10 Clean & Degrease or Promac Galv Prep.

Efflorescence: Remove as much loose material from the surface by means of mechanical methods such as Hand or Power Tool Cleaning, then further treat, clean, and prepare the surface with the use of Promac Galv Prep.

Bitumen surfaces: Must be mechanically removed and prepared with Promac Galv Prep.

Cement, plaster and screeds: Allow for new plaster and concrete applications to cure for a minimum of 14 days and 28 day respectively.

Friable Substrate Materials & Chalky surfaces: Before treating surfaces for friable and chalkiness, all poorly adherent material must be removed as advised in the surface preparation for poorly adherent material. Thereafter, test the surface for friable and chalky properties with the use of clear tape used for dust and debris tests, such as the Elcometer 142 dust tape or a similar quality alternative product. Apply the tape to the surface, firmly rub along the tape. After a short while remove the tape and place the tape on a white piece of paper. Check the tape's cleanliness to determine the correct preparation method.

- **Friable and/or chalky cementitious substrates:** Apply Promac Bonding Liquid Water Based or Solvent Based. Allow for the application to dry before conducting the friable and chalky surface test again and apply an additional coat if required.

NOTE: All additional products advised for use during preparation must be use and applied in accordance with the relevant product's data sheets.

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PRIME

Metal, steel & chromadek substrates:
Prime the prepared surface with a coat of Promac Steel & Metal Etch Vinyl Primer or RB10 Metal Primer.

Previously rusted and weathered metals:
Once prepared as suggested above, and after application of Promac Rust Convertor & Passivator, prime with a coat of Promac Steel & Metal Etch Vinyl Primer or RB10 Metal Primer.

Previously painted enamel/solvent-based coating surfaces:
Prime the prepared surface with a coat of Promac Universal Undercoat.

Cementitious & Masonry Substrates Surfaces:
Prime the prepared surface with a coat of one of the following Promac products.

- Plaster Primer SB
- Plaster Primer WB Nano-Tech
- Dampguard

Bitumen Surfaces:
Prime the prepared surface with a coat of Promac Nudek Primer & Sealer.

Moisture levels above 15%:
Prime the prepared surface with a coat of one of the following Promac products.

- Promac Dampguard for moisture levels between 15 – 50%
- Promac Cement Slurry Kit for moisture levels between 15 – 70%

NOTE: All additional products advised for use as a primer product must be use and applied in accordance with the relevant product's data sheets.

APPLICATION

First Coat: Apply a coat of Promac Rubber Duck Rain Guard ti areas of the prepared and primed surface. Apply the product slightly wider than the membrane at a spread rate of 1m² per litre..

Membrane/Bedding: Thoroughly work the membrane firmly into the still wet Promac Rubber Duck Rain Guard to obtain maximum saturation from below, smooth out all air pockets and creases. Ensure a minimum of 50mm overlap on the adjoining lengths of the membrane.

Second Coat: Apply a coat of Promac Rubber Duck Rain Guard to areas of the prepared surface slightly wider than the membrane at a rate of 1m² per litre subject to the surface profile.

Third Coat: When touch dry, apply a coat of Promac Rubber Duck Rain Guard at a rate of 2m² per litre. Protect from rain until dry. Allow the third coat to dry for 4–6hours before overcoating.

OVERCOATING

Allow for Promac Rubber Duck Rain Guard to dry for at least 4-6 hours before overcoating with Promac water-based topcoat.

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IMPORTANT

If it rains in-between coats, allow at least 48 hours drying time @ 23°C to ensure thorough drying before applying any further coats. If there is any rain damage to the coating, apply two coats according to the application specification. The waterproofing system should be inspected after 3 years, and a maintenance topcoat should be applied if necessary.

HEALTH & SAFETY

Keep paint away from children and animals. Never smoke, drink or eat while painting. Wear protective overalls, gloves and goggles. If accidental contact with skin should occur, wash immediately with clean water. Harmful if swallowed. Do not induce vomiting. Consult your doctor. Ensure good ventilation during application and drying. Store in a cool, dry place out of the sun.

DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Promac paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.