

TECHNICAL DATA SHEET

P.DS.174 (FB SERIES) REV02/03/2023

WATER BASED

RUBBER DUCK SUPER COLD RBE

ISO 9001



YEAR QUALITY
GUARANTEE



Promac Rubber Duck Super Cold RBE is a single component rubberised bitumen-based quality product for damp proofing walls, floors, and foundations. It can also be used to seal ponds, dams and as a roof waterproofing solution. It dries to form a tough, durable film which will accommodate small movement cracks and maintains integrity in high temperatures. Promac Rubber Duck Super Cold RBE forms an effective barrier to water and water vapour.

USES

Interior & Exterior

- Promac Rubber Duck Super Cold RBE is suitable for vertical as well as horizontal surfaces.
- For damp proofing floors and walls to prevent penetration by rising and driven damp, and water vapour.
- For waterproofing building foundations and other structures such as dams, ponds, water features, walls, gutters, and roof structures.
- Suitable for use as a waterproofing product on most types of roofs as long as it is not left exposed to the sun.
- Ideal for below ground structures where it protects steel and concrete from attack by water and water-borne salts.
- Ideal for roof gardens under soil, flagstone, and paving.
- It can also be used as a vapour barrier beneath roof insulation materials.

FEATURES & BENEFITS

- Environmentally friendly
- Extremely tough and flexible
- Forms a watertight system
- Good strength and elasticity
- Safe for fishponds once fully cured
- May be overcoated with most Promac decorative paints
- Non-toxic after drying
- Ready for use
- Resists extreme temperatures
- Single component
- Less than 90 ppm lead content

TECHNICAL DATA

PHYSICAL FORM	Dark Brown / Black viscous Liquid
COLOUR	Dries Black
FINISH	Low sheen
POLYMER TYPE	Rubberised Bitumen Emulsion
SPREADING RATE	1.5 - 3m ² per litre per application
DRYING PROPERTIES	Touch dry 1 hour
RECOATING TIME	Over coating time 2 - 4 hours-depending on temperature conditions @ 23°C
FLASH POINT	N/A - Waterborne Product
PACKAGING	5l & 20l
THINNING	Not recommended, but if required to reduce viscosity add a 10% maximum quantity of water. Excessive dilution degrades the quality of the product
CLEANING	Do not allow the product to dry on equipment. Equipment is readily cleaned using water or when CLEANING dry mineral turpentine, lacquer thinners or cleaning solvent

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APPLICATION METHOD

Suitable waterproofing brush and/or roller

DO NOT PAINT

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

SURFACE PREPARATION

General:

Ensure surfaces are dry (20% 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 PROMAC Anti-fungicide or Promac Galv Prep.

Rust:

All rust layers must be removed until a bright clean metal finish is achieved. Remove all rust with mechanical surface preparation methods such as; Hand Tool, Power Tool or Blast Cleaning Methods. The loose rust must then be removed by means of Vacuum Cleaning. Thereafter the surface of the metal must be surface cleaned and prepared with Promac Galv Prep.

Oils, grease & grime:

Remove oils, grease, grime, and other contaminants of a similar nature from the surface with Promac 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.

Cement, plaster, and screeds:

Allow for new plaster and concrete applications to cure for a minimum of 14 days and 28 days respectively.

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

PRIME

Metal, steel & chromadek substrates:

Prime the prepared surface with a coat of Promac Steel & Metal Etch Vinyl Primer.

Cementitious & Masonry Substrates Surfaces:

Apply a primer coat prior of Promac Rubber Duck Nudek Primer & Sealer.

Moisture levels above 20%:

Prime the prepared surface with a coat of one of the following Promac products.

- Promac Cement Slurry Kit for moisture levels between 20 – 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.

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APPLICATION

Apply 2 undiluted Promac Rubber Duck Super Cold RBE at a uniform wet film thickness of 1.5 – 3m²/L. Allow drying for at least 12 hours before continuing.

Note:

Apply at least 3 coats for ponds and dam linings as per the spreading rate above. Leave the complete coating system to cure for at least 10-14 days before filling the pond or dam.

Joints:

Embed non-woven polyester fabric (membrane) into the first coat of Promac Rubber Duck Super Cold RBE and saturate while still wet with a fresh coating. This increases the film strength over joints.

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.