

# TECHNICAL DATA SHEET

P.DS.152 (FB SERIES) REV05/02/2023

SOLVENT BASED

# RUBBER DUCK NUDEK PRIMER & SEALER

ISO 9001



YEAR QUALITY  
GUARANTEE



**Promac Rubber Duck Nudek Primer & Sealer** is a single component polyurethane moisture cured coating characterised its toughness, flexibility and water repellence as a primer & intermediate coating. The product has great adhesion properties to most sound, suitably prepared surfaces providing excellent inter-coat adhesive properties.

## USES

### Interior & Exterior

Promac Rubber Duck Nudek Primer & Sealer can be applied for both exterior and interior use. The product is ideal for application as a tough flexible water-resistant primer and intermediate coating on multiple surfaces where all round properties are required. Rubber Duck Nudek Primer & Sealer is additionally ideal for use as a sealer coating for concrete floors and as a damp-proofing system. The product is compatible for application on surfaces such as but not limited to cementitious & masonry surfaces, wood, ferrous metals, steel, galvanised steel, previously painted surfaces such as bitumen, torch on, acrylic / water-based waterproofing and coating systems.

## FEATURES & BENEFITS

- Damp proof
- Dust suppression
- Extremely Tough
- High productivity
- High UV resistance
- High strength and elasticity
- Resists extreme temperatures
- Forms a water-resistant coating
- Resists growth of mould & fungus
- Compatible with many different coating types
- Applicable to less accessible locations, moulds to sharp & intricate contours.

## TECHNICAL DATA

<b>PHYSICAL FORM</b>	Thin transparent liquid
<b>COLOUR</b>	Clear only. Cannot be tinted
<b>FINISH</b>	Smooth Glossy
<b>POLYMER TYPE</b>	Polyurethane based
<b>SOLIDS</b>	40 ± 2%by Mass
<b>S.G. at 23°C</b>	0.932 – 0.972kg/l
<b>DRYING PROPERTIES</b>	Surface or touch-dry: 1–2 hours
<b>RECOATING TIME</b>	1 – 2 hours depending on conditions during drying and substrate porosity (do not allow to fully cure, overcoat while tacky).
<b>SPREADING RATE</b>	8 – 14m <sup>2</sup> per litre per coat (dependant on substrate porosity)
<b>FILM THICKNESSES</b>	WFT 60 – 110µm per coat   DFT 20 - 40 µm per coat
<b>FLASH POINT</b>	< 30°C (flammable)
<b>PACKAGING</b>	5l & 20l

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<b>THINNING</b>	No thinning required; product is supplied ready for use
<b>CLEANING</b>	Clean all tools with Promac, Brush Cleaner while wet.
<b>APPLICATION METHOD</b>	Apply with a solvent brush / roller / airless or conventional spray

## DO NOT PAINT

- IF THE TEMPERATURE IS BELOW 5°C OR ABOVE 35°C
- IF IT IS RAINING OR RAIN IS FORECAST
- IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 60%)
- BEFORE 9H00 AND AFTER 16H00 IN THE WINTER

## SURFACE PREPARATION

### General:

Ensure surfaces are dry (60% moisture maximum), in sound condition, clean and free from any contaminants. Moisture tests must be conducted with a density setting of 700kg/m<sup>3</sup>.

### Poorly adherent materials:

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

### 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.

### Fungicide, mould & bacteria:

Remove fungicide, mould, bacteria and other contaminants of a similar nature from previously painted surfaces with PROMAC Anti-fungicide or from unpainted substrate material surfaces with Promac Galv Prep.

### Oils, grease & grime:

Remove oils, grease, grime and other contaminants of a similar nature from previously painted surfaces with PROMAC Clean & Degrease or from unpainted substrate material surfaces with Promac Galv Prep.

### Efflorescence:

Remove as much loose material from the surface by means of mechanical surface preparation methods such as but not limited to; Hand or Power Tool Cleaning, then further treat, clean and prepare the surface with Promac Galv Prep.

### Existing bitumen:

All existing coatings that are in good condition, (confirmed by carrying out adhesive tests) must be prepared. Remove and repair any damage bitumen coatings or torch on applications. Further clean and prepare the bitumen surfaces with Promac Galv Prep.

### Friable Substrate Materials & Chalky surfaces:

Remove all friable and chalky material from the surface with mechanical surface preparation methods. Thereafter reinstate areas with the suitable mortar mixture and allow to dry.

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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## APPLICATION

Subsequent to the surface preparation as suggested above, apply a uniform coat of Promac Rubber Duck Nudek Primer & Sealer to the surface at a spread rate of 8 – 14m<sup>2</sup> /litre. Allow for the Promac Rubber Duck Nudek Primer & Sealer application to dry for 1 – 2 hours (dependent of conditions during drying and surface porosity). Thereafter, for porous surfaces, apply an additional 1 – 2 coats of Promac Rubber Duck Nudek Primer & Sealer. Allow for the final coating of Promac Rubber Duck Nudek Primer & Sealer to dry for 1 – 2 hours (dependent of conditions during drying and surface porosity) before overcoating the product with the subsequent product. Note: If Promac Rubber Duck Nudek Primer & Sealer cures until dry adhesion performance capabilities of subsequent coating applications will deteriorate.

## OVERCOATING

Promac Rubber Duck Nudek Primer & Sealer may be overcoated with most Promac, water-based & solvent-based products.

### Limitations:

If Promac Rubber Duck Nudek Primer & Sealer is applied to an exterior surface the product will turn yellow after drying and therefore it is recommended that the product is overcoated

## 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

The product contains a flammable solvent. Precaution must be taken to prevent naked flames encountering with vapours (i.e. smoking must be prohibited). Solvents may also cause narcotic effects if the vapour concentration is too high: always ensure adequate ventilation (do not use solvent-based paints in a poorly ventilated or closed space). Avoid contact with skin, eyes, mouth etc. Wear protective clothing, goggles & gloves. If body contact is made, rinse off immediately. Wash product off skin before it has dried using soap and water.

## 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.