

TECHNICAL DATA SHEET

P.DS.210 (FB SERIES) REV02/01/2025

TBW100
WATER BASED

PROMAC TUFF BAK

Promac Tuff Bak is a highly durable, flexible, rubber-reinforced water-based modified acrylic, protective coating. May be applied in one or two coats and when cured is resistant to corrosion and heat and has good overall chemical impact and scratch resistance.

USES

Used mainly as trailer and bakkie linings. Also used in non-slip areas, on metal panels and mudguards, as protection against stone blasts and scratches. Used on off-road vehicles for protection against scratches, corrosion, and stone chips. Can also be used on battery boxes in chemical plants to prevent against accidental chemical spills.

FEATURES & BENEFITS

- Highly durable & flexible
- Scratch & chip resistant
- Heat and corrosion resistant

TECHNICAL INFORMATION

PHYSICAL FORM	A non-flammable, water-based viscous colored liquid
COLOUR	Black
WATER SOLUBILITY (g/l) at 20°C	Soluble in water
BOILING POINT	100°C
VISCOSITY	110-115ku
SPECIFIC GRAVITY	1.205
PH (concentration)	8.8 - 9.5
DRYING TIMES	Allow to dry for 4 - 6 hours before recoating and 5 – 7 days before subjecting to use
PACKAGING	1ℓ
CLEANING	Do not allow product to dry on equipment. Clean all equipment and overspray material with water before the product has dried. (Some detergent may be added to the water to facilitate clean-up)

DO NOT USE

- 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 09H00 AND AFTER 16H00 IN THE WINTER

SURFACE PREPARATION

General:

Ensure surfaces are dry, 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 surface preparation methods such as hand or power tool cleaning methods.

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Rust:

All rust layers must be completely removed until a bright metallic finish is achieved. Do so with mechanical surface preparation methods such as hand tool, power tool or blast cleaning methods. The loose rust must then be removed from the surface before further treatment and preparation with Promac Galv Prep.

NB: Failure to remove all rust may result in premature rust penetration through the applied paint system and/or failure of the coating system.

Mil Scale:

All mil scale is to be removed by means of mechanical surface preparation methods such as power tool or blast cleaning methods. Once removed the surface of the metal is to be cleaned with the use of Promac Galv Prep.

Oils, grease, grime, fungicide, mould & bacteria:

Remove oils, grease, grime, fungicide, mould, bacteria and other contaminants of a similar nature from the surface with the use of Promac Galv Prep.

Existing enamel & hard cured coating films in good condition:

All existing coatings that are in good condition, (confirmed by carrying out adhesive tests) must be prepared. The surface of the existing coating must be profiled to increase the tooth for optimal overcoating adhesion capabilities. Profile the existing coating by lightly abrading the existing coating surface by means of; hand or power tool cleaning and then further cleaned by surface cleaning methods (water cleaning methods).

Chalky surfaces:

Remove all chalky material from the surface with mechanical surface preparation methods such as hand tool or power tool. Then further remove all loose material. If chalky material remains on the surface, saturate a mutton cloth with lacquer thinners and wipe down until the surface is free from all chalky material.

Rigid unpainted substrate surfaces (i.e PVC, Chromadek):

All rigid unpainted substrate surfaces must be prepared. The surface must be profiled to increase the tooth for optimal adhesion performance of Promac Metal Etch Vinyl Primer. Profile the surface by lightly abrading the substrate surface by means of; hand or power tool Cleaning and then further treat the surface with the use of Promac Galv Prep.

Exposed (unpainted) metal surfaces:

Subsequent to carrying out the required surface preparation methods above, all exposed (bare & unpainted) metal substrate surfaces shall be treated with the use of Promac Galv Prep.

NOTE:

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

APPLICATION

Apply one or more coats of **Promac Tuff Bak** by brush or roller. Allow to dry for 4 - 6 hours before recoating and 5 – 7 days before subjecting to use.

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.