

TUFFCOAT

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CODE: 364001

REVISION: 03

DATE: 31 March 2025

GENERAL DESCRIPTION

A surface tolerant epoxy coating designed to protect steel and concrete with a minimum amount of surface preparation.

USES AND PROPERTIES

Can be used in the repair of ships, decks, hatch covers, ballast tanks, concrete surfaces, etc.

- Minimum surface preparation (St 2).
- Sand blasting not necessary.
- Excellent adhesion.
- Can be applied to a slightly damp surface.
- Excellent corrosion and abrasion resistance.
- Excellent resistance to salt water, solvents and chemicals.
- Suitable for immersion in water.
- High solids and low VOC.

TECHNICAL DATA

Binder Type	:	Modified epoxy/amine containing micro glass flakes
Drying Time	Surface Dry	: <4 hours (at 23°C and 50% humidity)
	Hard Dry	: <16 hours (at 23°C and 50% humidity)
Drying Process	:	Solvent evaporation and chemical reaction
Overcoating	:	>16 hrs
Viscosity	:	100 - 105KU
Specific Gravity	:	1,41 ±0,05kg/litre
Mass Non-Volatile Content	:	77% ±3%
Volume Solids	:	66% ±3%
Mixing Ratio	:	6:1 (by volume)
Coverage	:	3 - 6m ² /litre
Dry Film Thickness	:	110 microns @ 6m ² /litre
Flash Point	:	Base 38°C : Hardener 90°C
Colour Range	:	Grey, Reddish Brown, White, Aluminium
Clean Equipment & Thin With	:	Dekro Epoxy Thinners
Pack Sizes	:	5 litre

Coverage/spreading rate of **Tuffcoat** depends largely on the condition and porosity of the substrate being painted and the manner in which the product is applied.

APPLICATION

- Mechanically clean to St. 2. Rinse well with fresh water, preferably high-pressure wash. Old coatings, such as an epoxy or polyurethane, which are in a sound condition need only to be abraded.
- Can be applied by brush, roller or airless spray (tip no. GRACO 623).



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APPLICATION (continued)

Correct surface preparation is essential for good product performance and all surfaces should be prepared as per the standard Dekro Preparation Specifications. Copies of these are available on request from Dekro Paints or can be downloaded from our website – www.dekro.co.za.

Do not apply when ambient temperatures are $<4^{\circ}\text{C}$ or $>40^{\circ}\text{C}$.

SAFETY INSTRUCTIONS

Always keep out of reach of children and animals.

Wear a suitable dust mask and goggles when preparing surfaces.

Ensure good ventilation during application and drying.

If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.

If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.

Harmful if swallowed. Seek medical attention and do not induce vomiting.

GENERAL

Different surfaces and environmental conditions require specific painting systems to produce the best possible results.

It is therefore recommended that you contact a Dekro Sales representative for advice on all your painting requirements whenever possible.

PREVENTING PROBLEMS AND GENERAL INFORMATION

All epoxy coatings experience yellowing and chalking on exterior exposure. To avoid this, apply Unymarine as a topcoat.

To ensure consistent appearance ensure that the batch numbers on all containers used are the same.

Where batch numbers on containers differ, intermix containers before use.

CLEANING, STORAGE AND DISPOSAL

Remove as much paint as possible from application equipment and wash immediately after use with Dekro Epoxy Thinners.

Close containers tightly after use and store in a cool well-ventilated area.

Do not empty contents or wash into drains or water courses.

When disposing please follow local authorities' regulations and recycle the container after use.

Avoid storing in direct sunlight and heat.



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The technical data furnished is given to the best of our knowledge based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.

