



Endura Paint Pty Ltd
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www.phoenixpaints.com.au

TUFFCOAT PLUS

Exterior Floor Sealer

Product Information Sheet (PIS)

Product Description

TUFFCOAT PLUS is a single component, acrylic, exterior water-based coating that cures into a hard, clear, UV resistant finish, making it ideal as an exterior floor coating for concrete or brickwork. It also offers hot tyre resistance for driveway and footpaths, brick pavers, slate and tiles.

Product Features:

- Can be used on a variety of cementitious or natural stone surfaces
- Excellent UV resistance¹
- Excellent abrasion resistance
- Tolerance to solvents
- High gloss retention
- Excellent adhesion properties
- Quick drying
- Excellent transparency
- Flexible
- Single pack
- Water-based

¹Although **TUFFCOAT PLUS** itself is resistant to UV radiation it does not stop the UV rays from penetrating the film and attacking the surface underneath. Therefore, it should not be used on surfaces which are affected by UV such as timber, etc.

Product Benefits

TUFFCOAT PLUS offers these additional impressive characteristics:

- Self-levelling
- Recoatability
- High gloss levels
- Excellent grease and water resistance
- Low-foaming
- Water clean-up
- No highly dangerous solvents.
- Non-flammable



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Product Characteristics

Specific Gravity	1.03 ± 0.10
Volume Solids	30.5 % ± 1%
Colour	Clear
Coverage Rates	Apply at a rate of approximately 7-9 m ² /litre (subsequent coats spread further)
Shelf Life	Maximum 10 years (stored in cool, dry, dark conditions)

Surface Preparation

GENERAL SURFACE PREPARATION

Remove any flaking material from the surface using a hand wire brush, scrapper or stiff brush. Eliminate any oil or grease by scrubbing the area with undiluted FLOORPREP 100. Allow this to sit for 10-15 minutes then wash the surface with clean water and allow it to dry (DO NOT allow the FLOORPREP 100 to dry on the surface).

NOTE: Any hydrocarbon contaminated areas (oil, diesel, kerosene, etc.) may require two or more applications of FLOORPREP 100. Only reapply the FLOORPREP 100 after the surface has been allowed to dry completely.

While washing the surface with clean water, carefully observe that no “beading up” occurs (see the FLOORPREP 100 Product Information Sheet for more information).

Mixing

Stir **TUFFCOAT PLUS** carefully before use, using either an electric or hand held stirrer. If the paint has been stored for some months an electric stirrer will be required. **TUFFCOAT PLUS** must not be diluted with water or any other product.



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Application

TUFFCOAT PLUS can be applied by brush, roller or pad.

BRUSH: With this method, it is important to not generate bubbles or foam in the coating. To minimize the entrapment of air, dampen the brush by dipping it in water and wipe it lightly on a cloth prior to use. If foam arises, completely rinse the brush out in water and repeat.

ROLLER: Recommended to use a short nap of approximately 5mm Mohair for very flat surfaces.

PAINTER PAD: May only be used if the surface is completely smooth and level.

STANDARD APPLICATION

1. Apply one coat of **TUFFCOAT PLUS** in a thin, even film. Any pooling of product should be spread out immediately.
2. Wait 2-4 hours under normal conditions (temperatures above 25°C, direct sunlight, low humidity) before applying a second coat.

NON SKID SURFACE APPLICATION

1. Apply one coat of **TUFFCOAT PLUS** in a thin, even film. Any pooling of product should be spread out immediately.
2. While the first coat is still wet, sprinkle on a small amount of GLASS BEADS.
3. Wait 2-4 hours under normal conditions (temperatures above 25°C, direct sunlight, low humidity) before applying another 1-2 coats of **TUFFCOAT PLUS** to encapsulate the beads.

NOTE: It is normal for the product to appear milky when first applied. The final appearance will be clear as soon as the **TUFFCOAT PLUS** has fully cured.

IMPORTANT NOTE: It is not recommended to apply **TUFFCOAT PLUS** if the temperature is below 12°C or above 30°C. During extremes of hot weather, apply the coating early in the morning, having cleaned and prepared the surface previously.

WARNING: During cold weather, all Phoenix Paints products must be warmed to 25° to 30°C before the coatings are applied. This can be achieved by immersing the container in hot water and stirring occasionally.

NOTE: If any Phoenix Paints product is being used in conjunction with any other paint or coatings brand, we strongly advise to carry out a test patch first to ensure that no adverse reaction occurs.



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Drying/Curing

	25°C 50% RH
Touch Dry	1 hour
To Recoat	2-4 hours
Light Foot Traffic	24 hours
Full Cure	2 days

Ensure TUFFCOAT **PLUS** is fully dry and cured before being exposed to moisture or rain (approximately 48 hours after application).

Clean-Up

Wash all equipment in water immediately after use. Do not allow the coating to set hard on any items.

Ordering Information

TUFFCOAT **PLUS** is available in the following package sizes: 1 Litre, 5 Litre and 10 Litre.

Storage

Keep product frost-free and protect from freezing.

DO NOT store any Phoenix Paints products in work vehicles or vans – the temperatures inside may affect the formulations.

Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS can be requested by email at admin@endurapaint.com.au or on our website at www.phoenixpaints.com.au.