



HQC TARMAC PAINT

1. PRODUCT DESCRIPTION

Our Tarmac Paint is a hard wearing, high solids blend of UV stable polymers designed to seal, protect and restore colour to black or red tarmac.

It has also been used, successfully, on plain concrete work as combined decorative and protective finish.

2. THE SYSTEM

SPECIAL PROPERTIES:

A coloured, non-yellowing & UV stable single component, low viscosity product with fast cure enabling rapid installation and early re-use of facility. In addition to restoring colour the adhesive properties of the resin will assist with aggregate bond and the inbuilt UV filter will reduce future colour fade. Its unique formulation makes it easy to apply and achieve an even, uniform, and seamless finish. A major feature is the combination of its hard wearing qualities with its ease of recoating/refreshing during future maintenance.

MAIN APPLICATIONS: DRIVEWAYS. ROADWAYS. CARPARKS. FOOTWAYS.

PERFORMANCE: Light to medium trafficked areas. With correct maintenance and depending upon surface type, potentially 10 years plus*. Externally colour will remain for 1-2 years although protective effect will remain for longer, potentially 4-6 years, depending upon surface type. *A major design feature of this product is that it is easily re-coatable and does not need stripping before future treatment as maintenance coats cross link into original forming a monolithic layer. Recoating worn areas effectively means that the sealer may never need stripping and replacing.

3. FEATURES / BENEFITS

- Single component – spreads easily, cures quickly for rapid re-use of facility
- Re-colours and protects on one application
- Aids aggregate bonding
- Stops oil & other stains & incorporates a UV filter
- Superior moisture resistance aids year round use
- Higher strength & better chemical resistance than traditional sealer's
- Improved impact & abrasion resistance prolongs performance life reducing whole life cost
- Ease of future refurbishing without the need to strip.

4. TECHNICAL DATA

Coverage:	7m ² per litre coat depending on surface porosity.
Application temperature:	min +5°C max + 35°C.
Cure rate:	foot traffic 4 hours, vehicular 24 hours.
UV resistance:	excellent.
Flash point:	N/A.
Storage:	under cover and protect from extremes of temperature.
Shelf life:	18 months unopened.
Packaging:	10 & 20L tubs.
Shipping specification:	N/A.



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5. APPLICATION

Use as supplied without thinning down.

Surfaces should be clean, dry & free from oil, grease, dust, laitance and any other deleterious materials.

Do not apply in temperatures below 5°C or above 35°C and should not be subjected to extremes of temperature until completely dry.

It is important to undertake a representative test area to ensure that the product is suitable for your requirements prior to commencement of the project and assessed for final appearance, chemical resistance and wet & dry slip resistance. This is particularly important where the surface has previously been sealed.

Application should ideally be by an airless sprayer based products but application by brush or roller is also suitable (see detailed installation instructions). During application care should be taken to protect adjacent areas & equipment from overspray.

The surface should be sectioned off to assist accurate coverage. Apply in thin uniform coats maintaining a wet edge but do not allow to puddle.

Under normal conditions it will be touch dry within 4 hours and may be lightly trafficked after 24 hours.

6. PROPERTIES

Tensile Strength (MPa):	12.9
Elongation (%):	36
Specific Gravity (at 20°C):	1.2
Resin Solids Content (%):	Not exceeding 60%
Appearance:	
UVa Stable:	Yes
Free Isocyanate Monomer:	n/a
Rate of Cured Film Hardness (Sward):	39 (24 hours), 51 (1 week) @ 20°C
Visosity (at 25°C mpa.s):	2,700
EEC Hazard Identification:	n/a

7 HEALTH & SAFETY

As with all chemical care must be taken when handling and in use. In its uncured state this product can be considered a hazardous material. Once fully cured it can be considered innocuous.

No smoking or naked lights as product is flammable and ensure area to be treated is well ventilated. If public access allowed, erect NO SMOKING signs & site fire extinguishers.

Wear appropriate protective clothing.

A mask of recommended type is ESSENTIAL when working close to the surface (e.g. when using paint brush) or working internally.

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8 MAINTENANCE

Sweep regularly to remove abrasive dirt and grit from surface and rinse down weekly using a mild detergent if required. Spills and marks should be wiped up as soon as possible and not allowed to dry on. Heavy stains can be removed using our solvent.

Should signs of wear appear a maintenance coat can be applied. Clean and thoroughly dry surface to be treated. Apply single 'tight' coat which will cross link into earlier coats so there is no need to strip unless resin build up or blemishes are an issue.

9 OTHER INFORMATION

This information should be used as a supplement to other information obtained to make independent judgement of suitability and to ensure proper use and protect the health and safety of employees.

Judgement as to the suitability of the information herein for the purchaser's purposes are the purchaser's responsibility. Therefore although reasonable care has been taken in the preparation of such information, Thermilate Technologies Ltd extends no warranties, makes no representations and assumes no responsibility as to the accuracy of suitability of such information for application to purchasers intended purpose or for consequences of its use.



Prepared by Thermilate Technologies Ltd

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This Product Data Sheet supersedes all other previously dated sheets for this product.