

PHOENIX PAINTS PTY LTD

A.B.N. 83 051 428 258

Unit 1, 79 Forsyth Street, O'Connor, Western Australia 6163

Telephone: (08) 9314 2219 Fax: (08) 9314 2138

Manufacturers of Quality Paints and Protective Coatings

PRODUCT INFORMATION SHEET **"WONDERCOAT"** **Universal Floor & Paving Paint** **(Water-Based)**

(A) DESCRIPTION:

PHOENIX "WONDERCOAT" FLOOR & PAVING PAINT is a Water-Based paving paint, particularly designed for painting onto concrete verandahs and patios, but which is also designed to be applied over many other surfaces, including walls, brickwork, (External or Internal) and even rooves. A particular feature of the **WONDERCOAT** is its high resistance to wear and abrasion, plus a reasonable resistance to hot motor car tyres which makes it ideal for application over carefully prepared driveways. Weathering tests on **WONDERCOAT** have shown the product to exhibit a remarkable resistance to dirt pick-up.

WONDERCOAT is made in a wide range of colours, and is especially formulated to provide a hard wearing and weather resistant finish. It cures into a non-toxic film and is excellent for many applications, including a wide variety of floors, garden paths, and patios. Other applications include shower surrounds, platforms, walkways, etc.

WONDERCOAT may also be used in Hospitals and Retirement Homes, etc. since no toxic or offensive fumes are emitted and the products are quick drying. The high molecular weight of the base polymer contributes to the strong pigment binding power of the coating, as well as providing an excellent toughness and durability, combined with a superior adhesion to fibreglass, concrete, wood, etc. The product gives off no fumes or objectionable smells and is pleasant and easy to use, even in confined spaces. All clean ups are carried out with water.

Major Features: **WONDERCOAT** has been designed to offer a range of pleasing colours over a wide range of surfaces and is supplied ready to use.

(B) PERFORMANCE:

A critical comparison of **WONDERCOAT** to the performance of an oil-based, market leader, paving paint has been carried out by one of the largest independent testing laboratories in Australia, during which tests **WONDERCOAT** showed a 40% superior resistance to wear compared to the competitor and it also demonstrated a superior performance to surfaces such as dry brick. The resistance to water was very similar to the oil-based competitor and the resistance to the chemicals and stains were also very similar. **WARNING:** The painting (or repainting) of concrete floors is often far from straightforward and very careful attention must be paid to the "Directions for Use". **Note :** For driveways, parking areas and garage floors, it is strongly recommended to apply a coat of 'HARDPAVE' over areas where vehicles are parked, to protect against wear from tyre scrubbing.

(C) OTHER PRODUCT ADVANTAGES:

The **PHOENIX "WONDERCOAT"** offers the additional impressive characteristics:

* Fast development of hardness * Quick development of adhesion * Fast development of water resistance * Excellent adhesion promotion * Superior resistance to dirt pick-up * Water Clean Up * No expensive and highly dangerous solvents * Non-Toxic * Non-Flammable * Range of Colours * Recoatability at any time * High wear resistance.

NOTE: All products sold by Phoenix Paints are subject to the Company's Terms & Conditions of Sale, a copy of which is available upon request. For more detailed technical information on this or any of our other products, contact Dr. N. M. Vincent on TEL: (08) 9314-2219. FAX: (08) 9314-2138.

SHCDE:104-020

(D) PHYSICAL PROPERTIES:

Pot Life:	Indefinite
Specific Gravity:	1.33
Non volatiles by weight:	52%
Non volatiles by volume:	36%
Colours:	Forest Green, Ferric Red, Mission Brown, Terracotta, Light Terracotta, Black, Sky Blue, Beige, Light Grey, White (Other colours by request).
Pack Sizes:	1 Litre, 4 Litre, 10 Litre.
Dilution:	Must not be diluted
Clean up:	Water
Recoating Times:	Approx 1-2 hours (Normal conditions, Temperatures above 25°C, Sunlight, Low Humidity)
Coverage:	<u>2 coats</u> of the WONDERCOAT are recommended. Subsequent coats usually spread further, but coverage rates usually in range 8 to 10 Square Metres per litre.
Interval before Use:	Under normal conditions the coated floor area may be walked on the following day. Full hardness and resistance is reached after approximately 2-3 days from application. Leave for 34 days before driving motor vehicles onto the surface, but longer during low temperatures and/or high humidity.

(E) DIRECTIONS FOR USE (Interior and Exterior):

- 1) For old floors, to ensure that all grease, oil, dirt and contaminants etc. have been removed, scrub over with PHOENIX "FLOORPREP", suitably diluted with water. For bad oil stains, etc, use the "FLOORPREP" in concentrated form. The surface must then be acid-etched (see (2) below). Rinse off with fresh water, and allow to dry thoroughly. If any old paint is present, remove by abrading the surface with a wire brushing or sanding machine, and repeat the above procedure (continue below).
- 2) For all surfaces: New concrete: the surface must be acid-etched prior to priming. Dilute Hydrochloric or Pool Acid 1:4 with water (always add the acid to the water, and not vice versa), but wear suitable protective clothing, such as, rubber gloves, boots and a face mask or goggles, and abide by the manufacturer's instructions. Work the etching solution into the concrete for 15-20 minutes using a stiff broom, then thoroughly hose away the residue and allow to dry completely (at least 24 hours in summer, or 48 hours in cooler weather). Old concrete: as a precaution acid-etching is recommended after the FLOORPREP stage while the floor is still damp.
- 3) For all surfaces, **IMPORTANT**: check several areas of the concrete to ensure that no water-repellent finishes are present: pour a small pool of water onto the surface; if it resists absorption, the area will require re-sanding and re-cleaning. **WARNING**: Some "rogue" floors can resist the cleaning and etching stages and we strongly advise to carry out a test patch to confirm adhesion before proceeding with the whole area.
- 4) Apply the coating onto the surface to be treated using either a brush or roller. For large areas, especially exterior surfaces, the coating may be applied using a spray. For smooth areas (eg, power-floated interior floors) the best method of application for the "**WONDERCOAT**" is a PAINT PAD (eg a 230mm ROTA COTA SHURLINE).
- 5) It is essential to apply 2 coats of **PHOENIX "WONDERCOAT"**, allowing the first coat to dry completely before proceeding with the second coat. **DO NOT** dilute the paint with water, which will diminish the properties of the final film.
- 6) Ensure that the coating is allowed to fully dry and cure before being exposed to moisture or rain, etc. (At least two full days of sunshine is usually sufficient). Even if the coating is dry to the touch, avoid walking on the surface until the following day. The mechanical hardness of the paint will slowly increase over the next two days. Do not drive vehicles onto the surface for 34 days after painting. For the first week, park on the verge until tyres have cooled, (see below regarding the recommended use of "**HARDDPAVE**" as a top coat).
- 7) In common with almost every other surface coating, it is not recommended to apply **PHOENIX "WONDERCOAT"** if the temperature is below approx 15°C or above 35°C. During extremes of either hot or cold weather, apply the coating early in the morning, having already cleaned, prepared and dried the surface previously.
- 8) Wash all brushes etc. out in water immediately after use, and do not allow the coating to set hard on any of these items. If a non-slip finish is required, apply one coat of **WONDERCOAT** followed by one coat of Phoenix "**HARDDPAVE**". **WARNING**: Occasionally parked vehicle tyres will still remove the paint due to its low Dry Film Thickness and because of "tyre scrub". This can be avoided by applying one coat of the thicker non-slip **HARDDPAVE** (in the same colour) over the areas where the tyres rest, or over that part of the floor area.