

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

"HARDBAVE"

Non-Slip Paving Paint

(A) DESCRIPTION:

PHOENIX "HARDBAVE" Paving Paint is a Single Pack water-based coating which cures into a non-toxic film and offers a non-slip floor surface for a range of applications, including a wide variety of floors, garden paths, patios, and even some types of driveway. Other applications include shower surrounds, platforms, walkways, ladders, etc.

"HARDBAVE" differs from **PHOENIX "EASYTREAD"** in that it contains a very fine but hard anti-slip particle which contributes to a tough wear-resistant finish. **EASYTREAD** on the other hand, contains a resilient and compressible anti-slip particle with a larger particle size. Both products are "ready to use" and do not require the use of messy and time-consuming grit spreading.

The Products are also ideal for surfaces which may flex slightly (such as wooden decking and floors) and can tolerate the presence of water, including salt water.

HARDBAVE 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 coating is based upon a high performance acrylic polymer emulsion which dries to a firm and even film. 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 metals, fibreglass, concrete, wood, etc. The product gives off no fumes or objectionable smells and is pleasant and easy to use, even in confined spaces.

Major Features:

HARDBAVE has been designed to offer a non-slip floor coating over a wide range of surfaces and is supplied ready to use, complete with the pigment colouring and the non-slip solid particles.

(B) OTHER PRODUCT ADVANTAGES:

The **PHOENIX "HARDBAVE" Paving Paint** offers the additional impressive characteristics:

- * Fast development of hardness
- * Quick development of adhesion
- * Non-Toxic
- * Fast development of water resistance
- * Superior resistance to dirt pick-up
- * Water Clean Up
- * No expensive and highly dangerous solvents
- * Non-Flammable
- * Recoatability at any time
- * Excellent adhesion promotion (even under damp conditions)
- * Range of colours

(C) PHYSICAL PROPERTIES:

Pot Life:	Indefinite
Specific Gravity:	1.6 to 1.7
Colours:	Forest Green, Ferric Red, Mission Brown, Black, Terracotta, Light Terracotta, Sky Blue, Beige, Light Grey, White. (Other colours by request)
Pack Sizes:	1 Litre, 4 Litre, 10 Litre.
Dilution:	Must not be diluted. (but if it becomes too stiff, stir in a small amount of WONDERCOAT in the same colour)
Clean up:	Water
Recoating Times:	Approx 1 - 2 hours (normal conditions, temperatures above 25°C, sunlight, low humidity)
Coverage:	2 coats of the HARDBAVE are recommended. Subsequent coats usually spread further, but coverage rates usually in range 3 to 4 square metres per litre, due to the thickness of the paint film.

(C) PHYSICAL PROPERTIES (continued):

Delay 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. Keep vehicles off the surface for 4 - 5 days, and for the first week thereafter, park vehicles on the kerb to allow tyres to cool before driving in.
-------------------	---

(D) DIRECTIONS FOR USE:

- 1) Using a solution of **PHOENIX FLOORPREP** (diluted 1 to 10 in hot water) scrub the surface down thoroughly and after 15-20 minutes, hose the area off and allow to dry thoroughly. For badly contaminated areas (e.g. engine oil, etc) the **FLOORPREP** may be used in a concentrated form. Allow it to react for 1-2 hours and wash thoroughly with fresh water. When dry (allow at least 24 hours in summer, or 48 hours in cooler weather), apply 1 coat of **WONDERCOAT** followed by 1 coat of **HARDBAVE** in the same colour.
- 2) For best results, use two coats of **HARDBAVE** using either a brush or roller. A roller (with a nap of 10 to 12mm) often provides the most efficient method of application since the action yields a more uniform appearance of the final film. For small areas, an ordinary brush may be used. It is not possible to apply the product using a conventional spray gun due to the size of the non-slip solid particles suspended in the coating.
- 3) Ensure that the coating is allowed to fully dry and cure before being exposed to moisture or rain, etc. (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, and it is recommended to keep hot vehicle tyres off the surface for two days in hot weather, and longer in cooler weather.
- 4) In common with almost every other surface coating, it is not recommended to apply **HARDBAVE** if the temperature is below approx 12°C or above 35°C. During hot weather, apply the coating early in the morning to avoid the **HARDBAVE** drying too quickly on the roller, and during cold weather, apply the paint later in the day when both the paint and the substrate have warmed up.

5) Wash all brushes etc. out in water immediately after use, and do not allow the coating to set hard on any of these items.

6) **WARNING : PAINTING ALUMINIUM or GALVANISED surfaces and decks.**

Clean the area with FLOORPREP as in (1) above, rinse and dry. Remove any loose or flaking paint and prime surface with a thick coating of Phoenix METALFIX 1000 primer. When dry and cured, top coat with two coats of HARDPAVE.

NOTE (A): If some areas of the coated floor are found to wear faster than the rest (for example, if pedestrians use a particular track on a regular basis), these zones can be over-coated with virtually no preparation (provided that there is no oil or grease present).

NOTE (B): Use of Masking Tape. If masking tape is being used for straight edges, be sure to remove the tape while the paint is still wet. If the **HARDPAVE** is allowed to dry first, then the removal of the tape can detach the edge of the paint film and allow water to enter below the paint film.

NOTE (C): Although two coats of the **HARDPAVE** provides the most wear-resistant finish, a more economical system is to apply one coat of **PHOENIX WONDERCOAT** (at 10 square metres per litre) followed by one coat of **HARDPAVE** (at 4 square metres per litre) in the same colour.

NOTE

"Phoenix Paints Pty Ltd owns copyright in this document and reserves its right in relation to any infringement of its copyright".
No reproduction, in part or in full, must be made without prior written permission from Phoenix Paints Pty Ltd.