

EPOTREAD™ 1000

PREMIUM EPOXY FLOOR COATING

Revised Dec 2014

DESCRIPTION

Epotread 1000 is a two-pack heavy duty waterbased epoxy coating manufactured with the latest epoxy resin technology, specially formulated to an equal part 1:1 ratio ensuring speed and accuracy for the applicator.

Epotread 1000 is used extensively for floors of automotive workshops, factories and garages throughout New Zealand, providing a very hardwearing and chemical resistant finish.

PRODUCT FEATURES

- Durable and hardwearing
- Incredible adhesion to stable concrete
- Non-toxic and solvent free
- Available in 12 standard colours, plus tinting on request
- Apply by brush, roller or airless sprayer
- Excellent fuel, oil and grease resistance
- Easy 1:1 mix ratio (Part A and Part B)
- Resists hydrostatic pressure when cured

USE AREAS

- Floors of automotive workshops, garages, aircraft hangars
- Factory, warehouse and showroom floors
- Concrete protection in wineries and beverage industries
- Extremely durable and easy clean interior wall finish

APPLICATION INSTRUCTIONS

Surface Preparation

Ensure the substrate is in clean and sound condition. The surface shall be free of dirt, oil, grease and loose material. Pre-painted surfaces must be dry, any loose or bubbling paint must be removed by [diamond grinding](#).

New or very smooth concrete should be etched with [Hydro-chloric Acid](#) then thoroughly waterblasted.

If the concrete substrate has a rising dampness issue, apply a primer coat of Epotread Moistureseal.

Cracks can be cut out using a diamond cutting blade on an angle grinder, then filled with [Cretex SL](#) epoxy resin.

Mixing Directions

Wear impervious gloves, such as latex or vinyl disposable gloves. Stir the Part A thoroughly to ensure that no pigment has settled, then take an equal quantity of each Part A and Part B and mix together thoroughly until a consistent mix is obtained. A spiral mixer on a low-speed drill is recommended. Ensure that no unmixed ingredient is on the sides or bottom of the pail.

Application

Once mixed the working time is 2 hours @ 20°C, or 1 ½ hours @ 25°C. Apply the mixed Epotread 1000 to the prepared surface evenly by roller using a 10mm roller sleeve. If using an airless sprayer, the first coat application should be assisted with a roller to ensure no air is trapped in the substrate. Thin 20% with clean water for the first coat only. Avoid thinning for subsequent coats.



CLEANING OF TOOLS

Equipment and tools should be cleaned immediately after use with hot water and detergent. Cured material can be removed with fine sandpaper.

SPECIFICATION CLAUSE

Concrete areas so designated shall be coated with Epotread 1000 waterbased epoxy as supplied by Regis Coatings. This shall be applied to the prepared surface in accordance with the Regis Coatings current product data sheet.

PACKAGING

Epotread 1000 is available in 4 litre, 8 litre and 20 litre packs. Each pack consists of two components (Part A and Part B). The total quantity comprises the pack size, eg. the 20 litre pack includes 10 litres of Part A plus 10 litres of Part B.

FREEPHONE: 0800 76 25 26

ROCKBOND
STRENGTH IN CONCRETE

PRODUCT DATA SUMMARY

Property	Typical Values
Colour, wet	Part A: Pigmented epoxy resin
Colour when cured	12 standard colours available
Pack sizes available	4 litre, 8 litre, 20 litre
Coverage rate	9 - 11 m ² / litre per coat
Mix ratio	1:1 equal parts by volume
Pot life once mixed	2 hours at 20°C or 1½ hours at 25°C
Application Temperature Range	8°C to 30°C
Specific gravity	1.36kg / litre
Touch dry time	10 hours at 20°C
Application	Brush, roller or airless sprayer
Number of coats required	2 coats on pre-painted surfaces 3 coats on porous/unpainted concrete
Re-coat time	16 hrs at 20°C. Surface to be tack-free
Light foot traffic	16 hours at 20°C
Light vehicle traffic	48 hours at 20°C
Thinning	Thin 20% with water for the <u>first coat only</u> , to
Full cure time	5 - 7 days at 20°C
Clean up	Warm water and detergent while wet
Storage	Store indoors between 8°C and 20°C
Shelf life	12 to 24 months in well sealed pails
VOC content	Zero

Actual values may vary from the samples tested.

STANDARD COLOURS

Epotread 1000 standard colours are shown below. Please note this is a guide only. Actual samples are available on request. White and deep tint bases and a range of other tinted colours are also available.



HEALTH AND SAFETY

Flammability: Non flammable.

Skin contact: Wear impervious gloves. Occasional contact is unlikely to have any adverse effect except on particularly sensitive skin. As a general precaution, avoid repeated or prolonged contact. Remove skin contamination when wet with water. Use a proprietary hand cleaner if the product has dried.

Eye Contact: As eyes are a sensitive area, contact should be avoided. Wear safety glasses while mixing and applying. In the event of accidental contact, irrigate immediately with plenty of clean water. Consult a doctor.

Inhalation: Use in well ventilated areas and avoid inhalation. This product is not likely to cause breathing difficulty, but if breathing problems occur, move the person to fresh air and obtain medical attention.

Oral ingestion: With proper handling oral ingestion should not occur. The possibility can be minimized by not consuming food in the working area and by washing hands thoroughly before eating and drinking.

Spillage: Unused material should be disposed of in accordance with local regulations. Do not dispose of unused material into drains.

Disposal of containers: Do not leave empty containers on the work site where any residue could be a hazard to children or animals. Replace lids and remove all containers to a central disposal point.



TECHNICAL SUPPORT

Further information is available on our full range of epoxy floor repair resins, concrete sealers, waterproofing and roof coatings.

Visit our website at www.rockbond.co.nz or give us a call on Tollfree 0800 76 25 26 to request brochures or a site visit.

The information provided in this technical bulletin is as up-to-date and correct in detail as possible and is intended to give a fair description of the product and its capabilities. The user of these materials must satisfy themselves with the suitability for a particular application. If unsure about use with certain chemicals, please contact Rockbond SCP Ltd.

