

EPOTREAD™ H200

Premium epoxy floor coating

Revised June 2022

DESCRIPTION

Epotread H200 is a two-pack heavy duty waterbased epoxy coating manufactured with the latest epoxy resin technology, specially formulated for easy mixing and roller application.

Epotread H200 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
- 4:3 mix ratio (Part A and Part B)

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
- Timber floors of garages and work areas

PACKAGING

Epotread H200 is available in 17.5 litre or 7 litre packs.

17.5L pack includes 10L Part A and 7.5L Part B).

7 L pack includes 4L Part A and 3L Part B).

APPLICATION INSTRUCTIONS

Surface Preparation

Ensure the substrate is in clean and sound condition. The surface must be free of dirt, oil, grease and loose material. Remove oil using Omniwash detergent or similar. Pre-painted surfaces must be clean and dry. Any loose or bubbling paint must be removed by diamond grinding.

New or very smooth concrete should be either diamond ground or etched with Hydrochloric Acid then thoroughly waterblasted. Diamond grinding is recommended on older floors. 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. Refer to Cretex SL Data sheet.

Timber floors should be prepared by sufficient sanding and lightly sanded between each coat.

Mixing Directions

Wear impervious nitrile disposable gloves. Stir the Part A thoroughly to ensure that no pigment has settled. **Combine Part A with Part B at the correct volume ratio (4:3 by volume)** and mix thoroughly for at least 1 minute ensuring a consistent mix. A spiral mixer on a variable-speed power drill is recommended. Scrape around the sides of the mixing pail with a spatula and ensure that no unmixed ingredient is on the sides or bottom of the pail. Pour the mixed material into a clean pail.

Thin 15% with water for the first coat only to aid the penetration on unpainted concrete.

Important: If thinning, combine Part A and B together, mix thoroughly, then add the measured amount of water and mix thoroughly again.

Pot life

Once mixed the maximum working time is 1½ hours @ 20°C.



Application

Apply the mixed Epotread H200 to the prepared surface evenly by roller using a 10mm roller sleeve. If using an airless sprayer, the first coat application should be immediately followed up with a roller while wet to help penetration into small voids and ensure no air is trapped in the substrate. Avoid thinning the Epotread H200 for the top coat. Air fans should be used to assist the drying of the top coat if drying is slow.

CLEANING OF TOOLS

Equipment and tools should be cleaned immediately after use with warm water and detergent, as once cured it becomes very hard to remove. A new roller sleeve is recommended for each coat. Spraying equipment must be flushed and cleaned very thoroughly without delay, with plenty of clean water and approved sprayer cleaning chemical.

SPECIFICATION CLAUSE

Concrete areas so designated shall be coated with Epotread H200 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.

Phone tollfree
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www.regiscoatings.co.nz

 **REGIS**
COATINGS

PRODUCT DATA SUMMARY

Property	Typical Values
Colour, wet	Part A: Pigmented epoxy resin Part B: Pale amber liquid
Colours available	12 standard colours
Pack sizes available	7 litre and 17.5 litre packs.
Coverage rate	7- 10 m ² / litre per coat
Mix ratio	4:3 parts by volume
Pot life once mixed	1½ hours at 20°C or 1¼ hours at 25°C
Application Temperature Range	7°C to 28°C
Specific gravity	1.39kg / litre /(Mixed A +B)
Touch dry time	8 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	14 hours at 20°C. Surface to be tack-free
Light foot traffic	14 hours at 20°C
Light vehicle traffic	48 hours at 20°C
Full Cure	5-7 days at 20°C
VOC Content	38 grams per litre
CRF Value	>11.0 Non-Directional (kW/m ²)
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

Actual values may vary from the samples tested.

STANDARD COLOURS

Epotread H200 standard colours are shown below. Please note this is a guide only. Actual samples are available on request. White and deep tint bases and other tinted colours may be available by special request.



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 the manufacturer.



MANUFACTURED BY:

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HEALTH AND SAFETY

Flammability: Non flammable.

Skin contact: Wear impervious gloves such as nitrile disposable 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, rinse 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.regiscoatings.co.nz or phone Tollfree **0800 542 542** to request brochures or a site visit.

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