ROPOXY HB-WB

DESCRIPTION Easy to apply, low odour low voc, 2-part water-based epoxy (Part A Resin and Part B Hardener) to be used as a primer and finished coats for internal concrete floors and walls where good abrasion and chemical resistance is required.

Abrasion resistance can be improved with the addition of hard-wearing slip reducing additives.

Also used as a base for chip / flake flooring.

Used for domestic or commercial applications. ROPOXY HB-WB is a low voc formula suitable for use in food, beverage areas and Hospitals because The product is resistant to bacteria and resistant to mold.

This product is recommended for use on walls that have been used as plastic pastes that are sure to have high adhesion strength.

COLOUR Supplied as opaque white color and can be tinted with suitable water-based tints.

APPLICATION Materials safety data sheet must be read before opening this product.

PREPERATION & CLEANING Ensure concrete is sufficiently cured (recommended minimum 14 days). The surface requires cleaning to remove any substance which could affect adhesion (example: concrete sealer, paint, algae, mildew, moulid, oil or grease). Once substances are removed, wash down area using a heavy-duty cleaner, acid etch with a hydrochloric solution of 10 parts water and 1-part acid. Pressure clean using clean water. Ensure all acid is neutralized and removed. Allow to thoroughly dry before applying epoxy. If it is not possible to acid etch the surface, it must be abraded until the surface has a rough texture adequate for the epoxy to adhere to. Holes and cracks should be filled using appropriate epoxy filler.

MOISTURE / DRY TEST Using a calibrated moisture meter ensure the concrete has less than 20% moisture content prior to sealing.

MIXING	Mix equal parts of PART A and PART B together. While mixing scrape both the sides and bottom of the container and ensure it is thoroughly mixed and color is uniform white. Tint can be added if required.
APPLYING	Tape up any areas before application and remove while the epoxy is still wet. Apply a prime coat using a low nap lint free roller and diluting the Ropoxy HB-WB with 10% - 20% water, allow approx. 2-3hrs to cure. Apply 1 – 2 additional coats allow to cure between coats. If to be used as a full colored coating than additional two coats will be required after priming.
Drying time @ 20°C	48hrs foot traffic and 72hrs for vehicles.
POT LIFE	Once mixed approximately 45-60 minutes @ 25°C

SPECIFICATIONS After Mixing equal volumes of A & B:

APPEARANCE	White opaque viscous liquid.
SHELF LIFE	12-24months
THINNER	Water
CLEAN UP	Water/ methylated spirits
SPREAD RATE	Approximately 8m² per liter
POT LIFE	45-60 minutes (approx.)
FLEXIBILITY	Good
ADHESION TO CONCRETE	OLD & NEW – Excellent

CHEMICAL RESISTANCE: Fully Cured – 2 weeks immersion @ 20°C

WATER	Little or no effect
10% CAUSTIC	Little or no effect
UNLEADED PETROL	Little or no effect

10% ACETIC ACID	Little or no effect
10% SULPHURIC ACID	Little or no effect
ANTIFREEZE	Little or no effect
CRUDE OIL	Little or no effect
VEGETABLE OIL	Little or no effect
XYLENE	Little or no effect
SEA WATER	Little or no effect

LIMITATIONS It is not recommended to seal at extreme temperatures that is below 8°C and above 30°C. Internal use only. Low yellowing when exposed to UV light.

STORAGE Storage of product should be undercover, away and out of direct sunlight and avoid extreme temperature changes.

SHELF LIFE 12 - 24 months.

CLEANING Clean equipment with water or methylated spirits.

SAFETY Refer to the Material Safety Data Sheet before handling or using this product

DISPOSAL The same as for hazardous substance or as required by local authorities.

PRODUCT WARNING Roots paints and chemicals industries has no control over the use or storage of this product and therefore does not accept any liability in this regard. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice, therefore all applicators should ensure they have current information. This product is intended for the use only of skilled tradesmen and where applicable, statutory licensed tradesmen experienced and trained in the use of this product. This product is warranted to be of uniform quality within the manufacturer's tolerance. This manufacturer has no control over the use or misuse of this product, therefore no warranty rests or implied, is or can be made either as to the effects of such use. The manufacturer's obligations shall be limited to replacing product proving to be defective.