

FLOORSEAL EP

WATER DISPERSED EPOXY FLOOR COATING AND SEALER

DESCRIPTION

Floorseal EP is a water based epoxy floor coating for concrete and asphalt floors which is easily applied and maintained, and provides a dust proof and oil resistant finish.

Floorseal EP's low VOC content makes it a suitable product for use on Green Star construction projects

ADVANTAGES

- Water based
- Economical
- Easy application
- Excellent adhesion
- Low maintenance
- Low VOC content

TYPICAL PROPERTIES

Pot Life @ 20°C	90 minutes
Recoat time @ 20°C	18 Hours
Traffic Time	
Pedestrian	24 hour
Light vehicle	48 hour
Colours	Clear and Grey.
Other colours to order in sufficient quantity	

APPLICATION INSTRUCTIONS

Preparation

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Any loose concrete should be removed and repaired to provide a solid foundation. Asphalt floors should be at least 12 months old prior to coating. Prime any areas which are porous using Floorseal EP applied at 8 - 10 m² per litre.

Mixing

Floorseal EP is suitable for mixing using a drill and suitable paddle. Add the Base to the Hardener, and mix for 3 to 5 minutes to ensure thorough mixing. Only mix that quantity of material, (usually one kit at a time), that can be used within the setting time.

Application

Apply the Floorseal EP by brush, roller or spray at the rate of 6 - 8 m² per litre in an even pattern over the floor.

Apply the second coat of Floorseal EP in the same way as the first coat. Coverage will be 8 - 10 m² per litre due to the reduced porosity of the surface. Take care not to leave an excess of Floorseal EP on the surface. Do not attempt to rework or re-temper any partially set product. Avoid waste by using all the kit within the pot life.

NB: Liquid epoxy products may exotherm and set prematurely if not used immediately. Once mixed, pour the Floorseal EP out into a shallow tray for application.

Curing

Floorseal EP will cure fully in approximately seven days at 20°C. Please note that cool damp weather conditions may slightly delay initial set.

Floorseal EP will accept pedestrian traffic after 24 hours; however greatest strength and wear resistance is gained when the coating is allowed to cure fully before subjecting it to traffic of any kind.

CLEAN UP

Clean all equipment with water immediately after use while Floorseal EP is still wet. Dried Floorseal EP can only be removed by mechanical means

ESTIMATING

Packaging

Floorseal EP is supplied in preweighed 4 Litre kits and 16 litre kits, comprising Base and Hardener.

MATERIAL USAGE

Prime Coat	24 - 32 m ² per kit
First Coat	24 - 32 m ² per kit
Second Coat	32 - 40 m ² per kit

Please note that these figures are a guide only. Coverage will vary depending on the texture and porosity of the substrate to which Floorseal EP is applied.

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PRECAUTIONS

Where temperatures less than 10°C or greater than 35°C are encountered, contact our Technical Staff for specific advice.

As with all epoxy products, Floorseal EP will discolour and will eventually become chalky when exposed to sunlight. Floorseal EP should not be used in external applications where it will be exposed to the sun on a continuous or regular basis.

STORAGE

Floorseal EP is an epoxy based product which must be stored in the original unopened containers.

It is recommended that Floorseal EP be used within 12 months of date of manufacture

HEALTH AND SAFETY

Floorseal EP is non-toxic, but it is alkaline in nature. Any contact with eyes or skin should be washed off with soap and clean water. Do NOT use solvent.

Protective gloves, goggles and clothing should be worn during mixing and application. Repeated contact with epoxy resins and hardeners can cause sensitization in some people handling this type of product. Where this occurs seek medical advice before continuing use.

For more detailed information, please read the MSDS for this product.

ALLIED PRODUCTS

Aftek manufactures a broad range of construction products including:

Grouts
Coatings
Admixtures
Adhesives
Sealants
Floor Toppings
Floor Levelling Compounds
Concrete Repair

TECHNICAL SUPPORT

Aftek offers a comprehensive range of cementitious and epoxy based products to suit all applications. Aftek offers technical support and on-site advice to specifiers, end users and contractors.



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