

Epilox HS

High build skid resistant coating for concrete

DESCRIPTION

Epilox HS is a high solids, high build, floor coating system for use alone or with hard wearing aggregates to produce a skid resistant coating for steel and concrete.

ADVANTAGES

- Skid resistance
- Durability
- Easy application
- Excellent adhesion
- Low maintenance

TYPICAL PROPERTIES

Pot Life @ 20°C		45 minutes
Recoat time @ 20°C		18 Hours
Grit Size	Fine	500 micron
	Medium	1000 micron
Traffic Time	Pedestrian	24 hour
	Light vehicle	48 hour
Full Cure		7 Days
Colours:	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. Prime any areas which are porous using Epilox HS applied at 8 - 10 m² per litre

Mixing

Epilox HS is suitable for mixing using a drill and suitable paddle.

Add the Hardener to the Base 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 Epilox HS by brush, roller or spray at the rate of 5 - 7 m² per litre in an even pattern over the floor. After the first few square metres have been laid and while the coating is still wet, broadcast the Epilox Grit over the surface until the surface is saturated with Grit. After the first coat has hardened, remove the excess Grit by sweeping or vacuuming the floor. This Grit may be recycled for use on the next section of floor to be coated.

Apply the second coat of Epilox HS in the same way as the first coat. Coverage will be less per litre of product due to the rough surface texture. Take care not to leave an excess of Epilox HS on the surface-which may reduce the skid resistance. Do not attempt to rework or retemper any partially set product. Avoid waste by using all the kit within 20 minutes of mixing. NB: Liquid epoxy products may exotherm and set prematurely if not used immediately. Once mixed pour the Epilox HS out into a shallow tray for application by brush or roller.

Curing

Epilox HS is suitable for pedestrian traffic after 24 hours. Allow 7 days for full cure

CLEAN UP

Clean all equipment with solvent immediately after use.

MARKETING SERVICES

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EPILOX HS

ESTIMATING

Packaging

Epilox HS is supplied in preweighed 4.6 Litre kits comprising Base and Hardener. Epilox Grits are supplied in 20 kg bags.

Material Usage

Prime Coat	32 - 40 m ² per kit
First Coat	23 - 32 m ² per kit
Second Coat	18 - 26 m ² per kit

NB: Coverage will depend on the choice of Grit size.

Fine Grit	60 m ² per bag
Medium Grit	40 m ² per bag

Allow extra for saturating the surface.

STORAGE

Epilox HS is an epoxy based product which must be stored in the original unopened containers.

PRECAUTIONS

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

Epilox HS 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. 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.

Epilox HS has been formulated to minimise the problem of water spotting which may be evident under cool and humid curing conditions. Trials should be conducted where these conditions will prevail during the application.

Ensure good ventilation during application to avoid the accumulation of solvent vapour.

NOTE

Material safety data sheets for these and all Aftek products are available on request. Read the MSDS and product label, carefully before using.

All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

ALLIED PRODUCTS

Aftek manufactures a broad range of construction products including:

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