



## **KESFLOOR HB EPOXY**

### **DESCRIPTION**

KESFLOOR HB EPOXY is a solvent free, 2 pack epoxy coating having good abrasion and chemical resistance. KESFLOOR HB EPOXY provides an easily cleaned floor and wall coating, Ideal for use in production areas, breweries, food and chemical processing areas.

Anti-slip aggregate is also available, for use where a slip resistant surface is required. Please call our technical department with your requirements.

### **ADVANTAGES**

Hard wearing, very good chemical resistance, impervious finish, ensures ease of cleaning, excellent adhesion to cementitious substrates etc.

### **TYPICAL TEST DATA**

S.G 1.25  
Volume Solids 100%  
Film Thickness 200 microns @ 5sq.m per litre  
Pot Life ( at 20°) 1 hour  
Application temperature 5°C to 30°C  
Initial Hardness (at 20°C) 24 hours  
Full Cure (at 20°C) 7 days  
Recommended No. of coats 2

### **CHEMICAL RESISTANCE**

KESFLOOR HB EPOXY has excellent chemical resistance against aqueous media, dilute organic acids, alkalis. Moderate resistance against alcohols and certain chlorinated hydrocarbons.

#### **ACIDS**

Hydrochloric	10%	Excellent
Nitric	10%	Very good
Sulphuric	50%	Excellent
Phosphoric	50%	Excellent
Acetic	10%	Good
Lactic	10%	Good
Citric	10%	Very good

#### **ALKALIS**

Sodium Hydroxide	50%	Excellent
Ammonia	10%	Excellent

#### **SOLVENTS**

Petrol, oil and kerosene	Excellent
Skydrol	Good

For further information, contact our technical department.

### **SURFACE PREPARATION AND PRIMING**

The efficiency of the KESFLOOR HB EPOXY is dependent on the preparation and priming of the substrate. Kesfloor WB Sealer or Kesfloor EPP should be used. Once mixed, this should be applied to the substrate and brushed well in. The KESFLOOR HB EPOXY should be applied within 24 hours after priming.

### **MIXING AND APPLICATION**

Add the contents of Part B to Part A and mix thoroughly. Failure to mix thoroughly could result in a poor or non-cure material. Apply immediately. KESFLOOR HB EPOXY can be applied by brush, roller or airless spray.

### **COVERAGE RATE**

The coverage rate will be affected by film thickness, porosity and texture of the substrate. For better chemical resistance, a thicker film is desired. KESFLOOR HB EPOXY is supplied as a 2 pack epoxy system in 5 litre units and has a coverage rate of 20 sq.m to 30 sq.m depending on thickness applied and substrate profile.

### **STORAGE**

Store in sealed containers between 5°C and 35°C.

### **COLOUR RANGE**

Green, Red, Grey. (Other colours can be made to order)

### **PACKAGING**

KESFLOOR HB EPOXY is a two pack epoxy system packed in 5 litre & 15 litre packs.

### **CLEANING**

A suitable cleaning solvent should be used for cleaning tools, etc.

### **HEALTH AND SAFETY**

See separate Health and Safety Data Sheet.

### **WARRANTY DISCLAIMER**

The technical data herein has been compiled for your help and guidance and is based upon our experience. As we have no control over the use to which our information is put, no warranty, expressed or implied is intended or given and we cannot be held responsible for coverage, performance or any damages incurred.

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