

HI-BOND EC10 EPOXY TOP COAT

DESCRIPTION

EC10 is a solvent free, 2 pack epoxy coating having good abrasion and chemical resistance. EC10 provides an easily cleaned floor and wall coating, Ideal for use in production areas, breweries, food and chemical processing areas.

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

EC10 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 EC10 is dependent on the preparation and priming of the substrate. EP1 should be used. Once mixed, this should be applied to the substrate and brushed well in. The EC10 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. EC10 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. EC10 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 according to substrate and thickness.

STORAGE

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

COLOUR RANGE

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

PACKAGING

EC10 is a two pack epoxy system packed in 5 litre units.

CLEANING

Hi-solve 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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