

## FS Epoxy Sealer

Water Dispersed Epoxy Coating – Solvent Free

### TECHNICAL DATA SHEET

#### USES

FS Epoxy Sealer is suitable for use as an economical protection to concrete surfaces in a wide range of locations such as dairies, abattoirs, food preparation areas and factories. FS Epoxy Sealer provides an ideal swimming pool coating for rendered pools giving long life and high wear resistance. The cured material is non-toxic and is suitable for use in the food industry.

#### DESCRIPTION

FS Epoxy Sealer is a two-part water dispersed epoxy coating. The product can be thinned with water, contains no solvents and therefore is non-flammable, odour free and suitable for application onto damp surfaces.

#### ADVANTAGES

1. Non-flammable
2. Water based
3. Solvent free
4. Odour free
5. Bonds to damp surfaces

#### TECHNICAL DATA

Touch dry	-	6 – 8 hours
Shelf life	-	12 months
Pot life at 20C	-	60 minutes
Pack size	-	5.40kg (5 litres)
Dry film thickness	-	80 microns
Bond strength	-	Greater than 6.6N/mm <sup>2</sup>
Full cure	-	7 days

## COLOUR RANGE

Light Grey	00A05	Brick Red	04C39	Mid Grey	00A09
Bright Blue	18E53	Dark Grey	18B25	Racing Green	
14C39	Buff	08C35	Bright Green	14E53	Yellow
08E51	Black	00E53	White	00E55	

N.B:- BRITISH STANDARD colours are given as the closest reference to the actual colour of FS Epoxy Sealer. Non-standard colours are available but there is an additional premium of between 5% to 20%. There may also be a minimum order requirement. The production of non-standard colours will take a little longer than our standard colours.

## SURFACE PREPARATION

New concrete should be at least 14 days old or the moisture content less than 10%. The substrate should be clean and free from laitance, oil, grease or any other agents that may affect adhesion. Cleaning techniques should be by mechanical means such as scabbling, blasting or grinding, depending on the condition of the substrate. Existing concrete should be sound and any surface repairs should be carried out with FS Epoxy Patch.

## APPLICATION

On dense concrete FS Epoxy Sealer may be thinned with 5% - 10% water to ensure maximum penetration into the substrate. Application on all surfaces is by brush or roller ensuring complete coverage of the substrate. The second coat should be applied within 24 hours and preferably as soon as the first coat is touch dry. If a non-skid finish is required then oven-dried aggregate can be applied to the first or second coat whilst still tacky, depending on the finish required.

## MIXING

FS Epoxy Sealer is supplied in pre-weighed containers and is ready for mixing on site. The individual components of the product should be stirred before the two are mixed together. The entire contents of Resin Component A should be added to Curing Agent Component B and mixed for 5 minutes. The use of a paddle-head mixer on a slow speed drill is ideal.

## COVERAGE

A 5 litre unit of FS Epoxy Sealer will cover approximately 35m<sup>2</sup>. Please note: Porous surfaces, very light colours and pastel shades may require extra coats.

## CLEANING

All tools and equipment can be cleaned with water or FS Tool Cleaning Solvent - Do not use solvents on hands.

## **HEALTH & SAFETY**

It is recommended that barrier creams, gloves and protective clothing be used when working with FS EpoxySeal or any Epoxy resin based product.

If eyes are affected wash with copious amounts of cold water and seek medical advice. For hands, wash with soap and warm water.

For full details see separate Health & Safety Data Sheet.

## **OTHER INFORMATION**

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