

MIXCOAT S70

Solvented epoxy coating system



the construction chemist...

Introduction

MIXCOAT S70 is a two part solvented epoxy resin coating to provide a continuous protection to concrete / mortar and metal surfaces.

Appropriation

Good general purpose protection and medium chemical resistance to cementitious as well as metal surfaces. In order to provide a hard wearing, easily cleanable, non dusting surface to concrete. Substantially hard and corrosion protection to metal surface too.

Can be used on floors of
Engineering workshop, Air craft maintenance and assembly units
Car Parking
Warehouses, laboratories
Chemical production plants
Battery and pump rooms
Show rooms

Advantages

- Easy to use and economical
- Good wear and abrasion resistance
- Good general chemical resistance
- Easily cleanable and non dusting surface
- Not recommended for where food stuff are used. Processed or stored

Technical Data and Properties

Mix Density @25°C	1.3g/m ³
Base	Epoxy/ Polyamide
Solid Content	70% by weight
Service Temp	60°C
Pot life @ 25°C	2.5 hrs after mixing
D.F.T	200microns @ 300g/m ²
Dry Film Thickness	400micron @ 2kg/m ²
Overcoating time	6-8 hours minimum 24hours maximum



Product Management

Application: MIXCOAT S70 must be applied to clean, dry substrate free laitance, dust, dirt, oil, grease etc. Surface cleaning includes, mechanical roughing, vacuum cleaning or shot blasting. Uneven surface should be repaired by suitable Mixbuild repair systems before application of the coating. For difficult substrates we recommended primer sealer before the application of the coating.

Priming: Prime the surface with MIXPRIME S50 @ 100 -150 gms/m² for 50-100 microns DFT

Mixing: Mix part A & B separately first, and then add part B into part A and mix thoroughly with a mixing paddle filled with an electric drill to get a uniform colour and consistency. It is important to maintain constant mixing times throughout the contract, to ensure consistent colour and avoid introducing excessive air into the system. Continue mixing for 1-2 minutes to produce a fully blended, uniform material.

Method of application: Apply minimum two coats, by brush or roller. Apply the second coat, when the first coat is totally dried. It may take 6 to 24 hours depending on the Climatic conditions. Apply the second coat right angle to the first in order to get a better dispersion.

Coverage:

8- 10 m² / ltr / coat

Note: The above coverage will vary according to the nature of substrate. All calculated usage assumes constant thickness on a regular substrate. Failure to achieve the required surface regularly will lead to additional material being used.



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Packing & storage

MIXCOAT S70 is available in 4ltr & 19ltr kit, 12 months on shelf storage conditions

Health & Safety

MIXCOAT S70 contains no hazardous substance. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each PyChem product.



Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values



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