



Protecto-Florgard

Antistatic

PRODUCT DATASHEET

► Description:

Antistatic Conductive Protecto-Florgard provides the best solution to the problem of static electricity. It is a specially formulated coating material which is applied on the floor, tabletops, cupboards, etc. on which Electrostatic Discharge Sensitive Devices (E.S.D) are manufactured or used. All electrostatic charges are harmlessly conducted away through the coating, thus protecting the devices. Besides this, its antistatic properties reduce the build up of electrostatic charges on its surface.

In addition to its excellent antistatic and conductive properties, Antistatic Conductive Protecto-Florgard has superb abrasion resistance. It has good resistance to oils, mild acids, alkalies and chemicals. It provides an attractive, long lasting, waterproof surface which can be very easily cleaned and maintained as it does not attract dust.

► Uses:

Electronics Manufacturing, Assembly and Test Area:

Antistatic Conductive Protecto-Florgard protects sensitive electrostatic devices, assemblies and products from personnel-generated electrostatic discharge

Computer and Electronic Equipment installations:

Antistatic Conductive Protecto-Florgard controls static discharges into computer terminals or other sensitive electronic equipment.

Other areas of applications:

Antistatic Conductive Protecto-Florgard can be effectively used in hospitals where sensitive electronic equipment in surgeries, coronary care units and Radiology facilities are installed. Besides hospitals, pharmaceutical industries, Food processing unit can also use Antistatic Conductive Protecto-Florgard to their advantage in dust free and sterile rooms.

► Applications:

Before application, the surface should be leveled and freed of dust and oil. Freshly prepared concrete floors should be cleaned with 10% hydrochloric acid followed by thoroughly washing with water. The floor should be allowed to dry completely. Application is carried out by means of a brush or spray gun. The first coat consists of a mixture of Antistatic Protecto-Florgard 10A and 20A in the ratio of 100:50 by weight. The material should be applied evenly and formation of puddles should be avoided as this may give rise to blisters. The first coat is allowed to set overnight before applying the second coat.

The second and third coats consist of a mixture of Antistatic Protecto-Florgard 10A and 30A in the ratio of 100:20 by weight. A gap of 5 to 6 hours is required between the second and third coat. The floor can be used for walking within 24 hours after the third coat. Heavy objects can be moved on the floor after 4 to 5 days.

► Properties:

PHYSICAL PROPERTIES	
Description	Liquid System
Tensile strength (Kg/sq.cm)	80
Elongation (%)	60
Tear Strength (Kg/cm)	8
Hardness shore A	80±5
Specific Gravity	1± 0.05
Abrasion Resistance (grams/1000 cycles)	0.1 to 0.3

ELECTRICAL PROPERTIES	
Electrical Resistance as per BS 2050: 1978	5X10 ⁴ to 10 ⁸ ohms
Antistatic charge with 2KV/metre reading	300 V (approx.)

► Storage & Precautions:

Antistatic Protecto-Florgard is packed in 1/4/20 kg containers. These containers should be carefully re-closed immediately after use to prevent solidification of the material. The containers should be stored in a dry, cool place. The material can be stored for at least 6 months in its original, un-opened container.

Antistatic Protecto-Florgard formulations are subject to strict quality control, innovations and improvements to comply with our high standards. The above information is given on the basis of our best knowledge and information and is for your guidance only. Specifications, however, are subject to change and no guarantee is given or implied. All Rights Reserved.



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