

FLORPRIME ESD

WATER BASED EPOXY ANTISTATIC PRIMER

PRODUCT DESCRIPTION

FLORPRIME ESD is a solvent free black two-pack low viscosity conductive primer based on Epoxy resin. It is used prior to application of Antistatic Epoxy Floor Coating.

PRODUCT ADVANTAGES

- Being water based excellent wetting of cementitious surface.
- Gives very good adhesion to the top coat.
- Solvent free
- Can be applied on Concrete, Metal, Wood etc.

PHYSICAL CHARACTERISTICS

Application.....Brush, Roller
Mixing ratio.....1 part Base to 4 parts Hardener
by weight
Pot Life..... 30 Minutes at 23°C
Drying Time.....2 Hrs at 25 Deg Cent.
Coverage.....Approximately 4-6 sq.mts /Kg
/coat depending on substrate porosity, texture, temperature of
substrate
Recommended No. of Coats.....1
Electrical resistance $5 \times 10^4 - 10^8$ ohms

METHOD OF APPLICATION

The system should be installed by approved contractors. Following information should be used as a guideline.

1. SURFACE PREPARATION.

- a) The surface should be fully sealed and primed using FLORPRIME EP primer.
- b) Before application, the surface to be coated, should be free from loose particles.
- c) Earthing points should be installed including a grid of conductive self adhesive copper tapes at the distance of 5mt.
- d) The **FLORPRIME ESD** should be applied on the surface including the copper Tape.
- e) Electrical resistance should be tested prior to over coating.

2. MIXING

Pack components are pre-weighed for optimum performance. Never split packs. Empty contents of component B into a mixing container and pre-mix to assure the suspension of solids. Add component A and continue to mix to a uniform consistency for 1-2 minutes. Mix with slow speed drill and helical spinner head for 2 minutes.

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3. APPLICATION

FLORPRIME ESD must be applied immediately after mixing the two components.

FLORPRIME ESD is applied with a paint brush or roller to produce a thin black film.

PACKAGING

FLORPRIME ESD is available in 5Kg composite packs for easy handling. Each pack consists of 4 Kg of Curing Agent (Component A)

1 Kg of Base (Component B)

STORAGE & SHELF LIFE

Store all components of **FLORPRIME ESD** unopened in shade. Avoid excessive heat. The shelf life is 1 year in original, unopened container.

HANDLING AND SAFETY

Keep the containers tightly sealed when not in use. Avoid skin contact and inhalation of fumes (if any). While spraying it is advised to wear a mask. If it comes in contact with the body, wash affected parts of plenty of water. In case of persistent irritation, contact a physician.