

Product Data

Paint, Static Dissipative Floor Coating

Code : 5700 Series



Description

The ESD floor paint is a nonhazardous, easy to apply grey paint. This paint is suitable for concrete floors and many other substrates where a static control surface is required. This durable acrylic paint provides a coating with a surface resistance in the 10⁴ to 10⁷ ohms range, providing excellent static charge dissipation. Application and cleanup are safe and easy with one part water base formula.

Surface Preparation

As with all paints, proper preparation is important to the adhesion of the ESD floor paint. This is a durable paint with excellent abrasion resistance. When properly applied this will provide long term, trouble free ESD protection. We recommend two coats for maximum long term protection.

Surface Cleaning

All surfaces to be painted must be dry, clean and free of dirt, wax, oil and grease. Heavy oil, grease or wax buildup should be removed with surfaces may be improved through sanding scarifying or profiling. Surface should be washed and rinsed well before applying paint. Thorough rinsing with clean, clear water is necessary to remove detergent residue which can adversely affect the adhesion and wear resistance of the paint. Allow rinsed floor to dry thoroughly before applying paint. Trapped moisture may retard adhesion.

Priming

Metal surface should be cleaned and primed with red oxide primer. On certain other substrates or smooth surface the use of a primer may improve adhesion. Primers intended for use with water base acrylic paints are generally compatible.

New Concrete Floors

New concrete floors should be allowed to cure for a minimum of four weeks before applying paint. Unsealed floors will require two coats.

Pro-Pack Materials Pte Ltd

Blk 970, Toa Payoh North, #04-18
Toa Payoh Industrial Estate
Singapore 318992

Tel : +65 63541511
Fax : +65 63541711
Email : sales@pro-pack.com.sg
Website : www.pro-pack.com.sg

Regional Offices :

Malaysia
Bold Pack Industries Sdn Bhd

Indonesia
PT Pro-Pack Industries

Thailand
Bold-Pack Materials (Thai) Co. Ltd

Philippines
Pro-Pack Materials (Philippines) Inc.

India
Pro-Pack Materials India Pvt Ltd

China
Pro-Pack Materials (Wuxi) Co., Ltd

Product Data

**Paint, Static Dissipative
Floor Coating**

Code : 5700 Series (7)



Specification

Coverage	300 to 400 sq ft per coat at 1 to 2 mil thickness on smooth surface. On coarse surface coverage will be less
Cure Time	12 Hrs for light foot traffic
Density	10 - 13 pounds per gallon
Drying Time	1 Hrs
Freeze / Thaw Stability	Passes 3 cycles
Material	Water base acrylic polymer liquid
Resistance (RTT)	10 E4 to 10 E7 Ohms per ESD S7.1
Shelf Life	Minimum of 12 months from date of manufacture
Slip Resistance	0.55 minimum per ASTM D-2047
Solids	38%
Storage temperature	35 ° to 95 ° F
Surface Resistance	10 E4 to 10 E7 ohms per EOS/ESD S11.11
VOC Content	1.2 pounds per gallon

Pro-Pack Materials Pte Ltd

Blk 970, Toa Payoh North, #04-18
Toa Payoh Industrial Estate
Singapore 318992

Tel : +65 63541511
Fax : +65 63541711
Email : sales@pro-pack.com.sg
Website : www.pro-pack.com.sg

Regional Offices :

Malaysia

Bold Pack Industries Sdn Bhd

Indonesia

PT Pro-Pack Industries

Thailand

Bold-Pack Materials (Thai) Co. Ltd

Philippines

Pro-Pack Materials (Philippines) Inc.

India

Pro-Pack Materials India Pvt Ltd

China

Pro-Pack Materials (Wuxi) Co., Ltd

Product Data

Paint, Static Dissipative Floor Coating

Code : 5700 Series (7)



Checking Adhesion

1. Thoroughly mix a single container of paint. Apply to a small area (approximately one sq. ft) that has been properly prepared. Allow test area to dry a minimum of twenty-four hours. Test electrical properties to ensure that material falls within desired limits.
2. Use a razor knife to cut a crosshatch pattern into a small area (approximately 3" x 3") of the test patch. Crosshatches should be ¼" apart.
3. Apply a strip of masking tape onto the crosshatch area. Press firmly and peel back.
4. If more than twenty percent of the paint in the crosshatch area comes up with the masking tape, the surface requires additional surface preparation (cleaning, rinsing, sanding, etching, or primer).

Application

1. Stir thoroughly to mix any settled solids. Combine separate cans into a single large container. Stir or mix paint thoroughly for uniform color and conductivity.
2. Use a ¼" fine nap roller or synthetic brush. Apply paint in smooth even strokes. Do not over brush.
3. Two coats are recommended for durability and to ensure complete coverage. Allow a minimum of one hour between coats; longer in conditions of high humidity. Minimum Ambient temperature during drying and curing should be 45° F.
4. Allow one hour for drying to touch. Minimum cure time for light foot traffic is twelve hours. Minimum cure time for heavy foot traffic and equipment is twenty-four hours. Allow at least one week before damp mopping with water (no detergent). Minimum cure time for washing with detergent is thirty days.

Cleanup and Storage

Wash applicators with soap and water immediately after painting. Clean spills with a wet cloth or sponge. Close container tightly after use. Keep from freezing.

Maintenance

Sweep or vacuum frequently to remove dirt and debris which can act as abrasive agent. Damp mop with water or wash with detergent and water as necessary to keep floors clean. Do not use abrasive cleaners or scrubbing machines to clean floor.

Pro-Pack Materials Pte Ltd

Blk 970, Toa Payoh North, #04-18
Toa Payoh Industrial Estate
Singapore 318992

Tel : +65 63541511
Fax : +65 63541711
Email : sales@pro-pack.com.sg
Website : www.pro-pack.com.sg

Regional Offices :

Malaysia
Bold Pack Industries Sdn Bhd

Indonesia
PT Pro-Pack Industries

Thailand
Bold-Pack Materials (Thai) Co. Ltd

Philippines
Pro-Pack Materials (Philippines) Inc.

India
Pro-Pack Materials India Pvt Ltd

China
Pro-Pack Materials (Wuxi) Co., Ltd