

ENVIRO



ANTI-STAT

ANTI-STATIC FLOOR FINISH

PHYSICAL PROPERTIES

Base: Acrylic Polymer

Description: Aqueous Acrylic Emulsion, Non-Hazardous material as defined in (29 CFR 1915.4)

Abrasion Resistance

Solvent: Water

Freeze/Thaw Stability: Exceeds 3 cycles at -10°C

Thermal Stability: Exceeds 50°C/month

Application Humidity: Range 30-60% RH

Ph: 8.5

Slip Resistance: UL Approved for slip resistance

Solid: 20%

ELECTRICAL PROPERTIES

Static Decay Rate* - Dissipates a 5000 volt charge to zero in less than 0.02 sec. (FTM) Federal test method standard 101C, method 4046

Surface Resistivity** - 106 - 109 ohms/square as per ASTM-D 257

*Exceeds military specification MIL-B-81705B FED, FTM 101C, Method 4046, NFPA specifications for charge decay

** Exceeds surface resistance specifications test method ASTM-D257 and surface resistance ESD S11.11

BENEFITS

- Helps prevent static charge dissipation
- Won't walk off or wash off with normal maintenance
- Eliminates the need for static control conductive tiles or floor mats
- Provides clear high gloss, durable finish
- Responds to a variety of maintenance procedures
- Effective at 12% RH

APPLICATION INSTRUCTIONS

Floor Preparation

- Best results are obtained when applied to surfaces which are 60° F or above and in relative humidity conditions between 30 - 50%
- Strip or scrub as required. Ensure thorough rinse and dry.
- New tile floors must be stripped thoroughly to remove all floor coatings.
- Do not strip floor within the first four or five days after installation of a new tile floor.

Applying Finish

- Apply a thin coat to floor (i.e.: Ring out mop 3/4 ways down the wringer). Let floor dry to the touch, approximately 60 minutes for a relative humidity condition of <30%. **Drying times may vary slightly depending on ambient conditions.** For an RH between 30 - 50% or Temps <70° allow 1-2 hrs of dry time. Greater than 50% RH allow 2-3 hours of dry time.
- **NOTE: Streaks, bubbles, flaking or softening may develop if floor finish is not applied correctly. For the formation of a uniform hard coating, it is critical to apply floor finish in thin coats to prevent moisture from becoming entrapped in the initial application.**
- Apply a second, slightly thicker coat (i.e.: Ring out mop 1/2 ways down wringer).
- **Two thin coats are sufficient, but for optimal performance, longer life, and easier maintenance, three coats are recommended. If a 3rd coat is applied, wait 24 hours before applying. This will allow the first two coats to cure. Applying coats too soon will result in poor adhesion, poor appearance, poor electrical performance, blistering and greasiness.**
- Do not apply during humid conditions.

Maintenance

A routine maintenance program will provide the most satisfactory gloss retention, electrical resistances and wear characteristics.

1. Floor surfaces should be swept with an untreated dry mop (do not use sweeping compound) daily to remove loose dirt and sand.
2. Floors can be mopped or machine cleaned weekly to remove dirt, salt and film deposits.
3. Only use Static Guard Cleaner, no other products.
4. Apply a full strength top coat every four to six weeks after cleaning. Allow the finish to dry for approximately 24 hours before resumption of foot traffic. It is recommended that no more than 10 interim coatings be applied before stripping.
5. The frequency of top coating or stripping and re-finishing will vary somewhat depending on the environmental conditions within a particular facility, but field experience indicates that monthly re-finishing generally provides the best outcome.

SIZES:

3.78 L (1.0 U.S. gallon)

18.9 L (5.0 U.S. gallon)



PACKAGING

Wherever possible, bottles and pails made from recycled plastic (10 - 25%). Can be recycled where facilities exist. Boxes made from recycled cardboard (94 - 100%).



TOXICITY

Acute Oral/Dermal Product considered essentially non-toxic according to WHMIS regulations.



HEALTH & SAFETY

Product contains low odor, safe solvent and surfactant systems.



Floor coating and finishing material classified by Underwriters Laboratories Inc. as to slip resistance only 18RL
FTM-1

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