



ESD 1005

CONDUCTIVE SPRAY ADHESIVE



PRODUCT CHARACTERISTICS

Spray-Lock ESD 1005 is a versatile spray adhesive naturally suited for adhering approved ESD flooring for commercial application.

Spray-Lock ESD 1005 uses 80% less adhesive compared to trowel-applied epoxy and bucket adhesive. ESD 1005's shear strength is immediate after installation. Because of these unique characteristics, all traffic is allowed immediately and adhesive indentation or displacement associated with heavy-rolling loads is avoided.

ADVANTAGES

- Suitable for ESD flooring systems
- Uses 80% less adhesive
- Allows all traffic immediately (including hospital beds)
- 0.0 g/mL VOC content
- Water-based adhesive
- No need to shut down HVAC
- Easy water cleanup while adhesive is still wet
- Non-flammable
- High moisture and pH resistant
- No offensive odors

SUITABLE SUBSTRATES

Spray-Lock ESD 1005 bonds approved ESD flooring to the following properly prepared, smooth, flat substrates:

- Concrete
- Underlayment grade plywood
- Metal
- Fiberglass
- Existing VCT

TECHNICAL CHARACTERISTICS

Spray-Lock ESD 1005 provides immediate shear strength after installation.

Spray-Lock ESD 1005 is solvent free, emits no harmful fumes, and contains 0.0 g/mL VOC (Volatile Organic Compounds) in content, according to EPA Test Method 8260B.

Spray-Lock ESD 1005 uses non-ozone depleting HFC propellant.

Spray-Lock ESD 1005 is warrantied up to 90% RH, 7 lbs MVER, and 11 pH.

*According to EPA document: "National Volatile Organic Compound Emission Standards For Consumer Products" for aerosol adhesives.

TECHNICAL DATA

CHEMICAL TYPE	Water-based acrylic blend
APPEARANCE	Black frost bubbles
ODOR	Sweet mild odor
FLASH POINT	Will not burn
NFPA 704 FLAMMABILITY RATING	0 (Non-flammable)
SHELF LIFE	2 years, if unopened
OPEN TIME	2 hours
DRY TIME	Once adhesive is dry to touch (10-20 minutes)
VOC CONTENT	0.0 g/mL calculated per EPA Test Method 8260B
FOOT TRAFFIC ALLOWANCE	Immediately
HEAVY MACHINERY ALLOWANCE	Immediately
RESISTANCE TO MOISTURE	Excellent: 90% RH, 7 lbs/1,000 ft ² /24 hr, and 11pH
UNDERFLOOR HEATING SYSTEMS	Yes
STORAGE	Do not subject to freezing temperatures



COVERAGE GUIDE

ESD FLOORING | UPSIDE DOWN AEROSOL
100 ft² (9.3 m²)