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2450 Black Conductive Adhesive

2450 is a black conductive pressure-sensitive adhesive designed for the installation of ESD (electrostatic dissipative) carpet tiles and flooring system. Conductivity of the applied adhesive film is provided by a colloidal suspension of conductive carbon black. It is primarily used in such areas as computer rooms, where static discharge is minimized. Further, this premium adhesive has low odor and “zero” calculated VOC’s (based on no solvents used).

This acrylic adhesive is formulated to facilitate release and re-bonding of carpet tiles while permanently retaining enough tack to allow individual tiles to be lifted out easily and replaced without substantial loss of adhesive properties.

2450 is a non-flammable water-based adhesive, and the dried film is alkali and water resistant. It is resistant to plasticizer migration from vinyl carpet tile backing and can be applied using common tools and techniques over a variety of subfloor surfaces.

2450 has low odor and “zero” calculated VOC’s (based on no solvents used), which makes it ideal for use anywhere odor is a concern. Conductive Adhesive 2450 also meets or exceeds California requirements as specified in Rules 102 and 443, as well as California SCAQMD Rule 1168.

This adhesive is made with antimicrobial additives, including *Intersept*®.

Storage and Handling:

Containers should be kept tightly closed. Contents should be stirred using mechanical agitation prior to use. Protect from freezing (32 deg. F.).

Application Instructions:

The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°- 95° F, and the humidity below 65% for 48 hours prior to, during, and after the testing and installation. See carpet manufacturer’s installation instructions and CRI 104 Standards.

Concrete substrates must be tested for moisture and alkalinity prior to beginning the installation. The in-situ Relative Humidity per ASTM F2170 must be below 75%, and the surface pH must not exceed 9.0. Site conditions, floor preparations, and moisture and alkalinity must comply with those specified by the Carpet & Rug Institute (CRI 104). Any substrate onto which carpet is to be installed should be carefully inspected to assure that proper bonding of the carpet to the floor could be achieved. Proper adhesion requires that the surface be clean, dry, and free from dust, paint, existing adhesive, old floor finishes, or any other foreign material. Do not use on chemically cleaned subfloors.

Total or full spread is necessary for static dissipation, and coverage will vary according to the sub-floor type and application method.

Once spread, allow the adhesive to dry completely until the surface becomes tacky to the touch, but no adhesive is transferred to the fingertip. Drying speed will vary according to temperature of the sub-floor, porosity of the sub-floor, temperature of the air and components, relative humidity, as well as dryness of the floor and thickness of the application. If the carpet tiles are installed with the adhesive in the wet stage or before sufficient drying has occurred, important release and re-bonding properties will be affected. Carpet tiles can be installed at anytime after the spread adhesive has dried to the touch.

Coverage:

Trowel, 1/16” x 1/16” x 1/16” U or Square notched, 150- 180 square feet per gallon

Clean up:

Clean tools and equipment using soap and water while the adhesive is still wet. Dried or tacky adhesive will require a solvent cleaner.

Disclaimer: The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which the manufacturer assumes legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or product referred to herein. No warranty of fitness for a particular purpose is made. 6/14/2011