



Made in the
United States of America

One Part Acrylic ESD Vinyl Tile Adhesive Application Instructions



81520 – One Part, Conductive Acrylic Adhesive

Description:

One Part [81520](#) is an acrylic base conductive adhesive for the installation of 8400 Series ESD Vinyl Tile over clean, smooth substrates.

Technical Data

Laboratory Tests	Results
Polymer type	Acrylic
Percent solids	65%
VOC's (Rule #1168 of California's SCAQMD)	0 g/L (0 oz/US gallon)
Pot life	40 minutes
Trowelability	Light, easy
Conductivity	0.21 x 10 ⁵ (ohm) (10V)
Color	Grey
Shelf life	18 months when stored in original packaging
Storage conditions	50°F to 85°F (10°C to 29°C)
Certification (Indoor Environmental Quality)	FloorScore® # SCS-FS-04503
LEED projects eligibility	See LEED v4 Matrix
Protect from traffic	24 hours for light traffic, 72 hours for heavy traffic

Limitations:

1. Keep from freezing in transit and storage. If frozen, allow to return to room temperature without stirring.
2. Do not use when the substrate temperature is below 10°C (50°F) or above 29°C (85°F).
3. For interior installations only
4. Do not use for the installation over impervious surfaces. For such installation, refer to [8453](#)

Directions:

Remove the lid from the container and apply directly from the container.

Application:

- Using a 1/32" x 1/16" x 1/32" U-notched trowel, apply the adhesive evenly to the floor.
- Start laying the 8400 Series ESD Vinyl Tile after 10 minutes allowing the moisture to flash off. Laying of the tiles must start no later than 15 minutes. After the moisture has been allowed to flash off, lay the tile into the adhesive (do not force the tiles together tightly, rather place them so that the seams are just touching). Take care to use kneeling boards or work off of the tile whenever possible. The adhesive is still workable if it is wet and transfers to the fingers when touched. Ensure that the adhesive has transferred to the back of the tile by lifting the corners.
- Avoid trapping air bubbles by cross rolling the floor with a 100 pound sectional.

Clean Up:

- Clean excess adhesive off the tile and tools using soap and water, rubbing alcohol, denatured alcohol or methyl hydrate. Dry adhesive is more difficult to remove.
- **For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- **Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

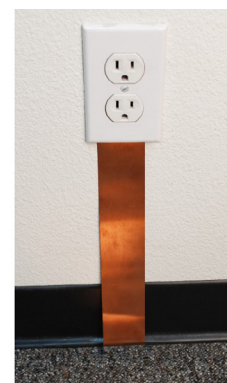
Coverage:

- One part [81520](#) conductive adhesive covers up to 200 sq. ft. per U.S. gallon.

Note: Coverage quantities shown are approximate and given for estimating purposes only. Actual job site coverage may vary according to substrate conditions.

Grounding:

Statguard recommends installing one copper grounding strip per 1,000 square feet throughout the installation. A thin coating of adhesive should be applied on top of grounding strip to ensure good contact with tile backing.



[81524](#) Copper Grounding Strip in use