



Made in the
United States of America

Two Part Conductive Epoxy Vinyl Tile Adhesive Application Instructions



Figure 1. Statguard® Two Part Conductive Epoxy Adhesive

Description

81521 is a two part component conductive epoxy adhesives of syrupy consistency. It is formulated to bond where high performance, interior installation is required.

Limitations:

1. Protect 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 15°C (59°F) or above 30°C (86°F).
3. For interior installations only.

Directions:

- Remove the lid of part A and stir using a mechanical mixer.
- Remove the lid of part B and pour all the contents of part B into the container of part A. Use a rubber spatula to remove all of the part B from the container. Thoroughly mix both part A and part B together. The use of a mechanical mixer is required to ensure proper mixing. Inadequate mixing will cause bond failure.

Application:

- Pour the full amount of the mixed adhesive onto the floor immediately after mixing and spread with a 1/32" x 1/32" x 1/32". U-notched trowel. Ensure proper transfer covering 100% of the tile backing.

Note: Do not leave mixed epoxy adhesive in original can; the heat generated by this chemical mixture reduces the open time of the adhesive.

- After spreading the adhesive, let it flash off for 10 minutes, then lay the tile into the adhesive (do not force the tiles together tightly, rather place them so that seams are just touching). Take care to use kneeling boards or work off the tile whenever possible. Remove excessive adhesive from the surface of tile with a cloth moistened with a soapy solution or denatured ethyl alcohol or isopropyl alcohol (friction alcohol) while adhesive is wet.

- Open time of adhesive will vary depending on site conditions (i.e. temperature, humidity). The adhesive is still workable if it is wet and transfers to the fingers when touched. The installer should observe adhesive transfer to the back of the tile prior to and following cross rolling with a 100 pound sectional roller. The back of the tile should be covered 100% with the adhesive. The floor **MUST** be rolled prior to adhesive hardening. A second rolling must be done 2 to 3 hours after the first rolling.

Clean-Up:

- Clean excess adhesive on the tile and tools promptly using a soapy solution or denatured ethyl alcohol or isopropyl alcohol (friction alcohol).

Note: epoxy adhesives cannot be removed after they have set.

Caution:

- Keep from freezing
- Shelf Life:

Part A	Part B
1 year	1 year

Coverage:

- Two Part **81521** conductive adhesive covers up to 265 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.

Statguard Flooring expressly warrants that prior to application and for a period of 3 months from the date of purchase that our Two Part Conductive Epoxy Vinyl Tile Adhesive will be free of defects in material.

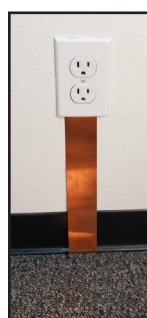


Figure 2. 81521 Copper Grounding Strip in use

RoHS, REACH, and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:

[Descoindustries.com/ROHS.aspx](https://descoindustries.com/ROHS.aspx)

Desco Industries Limited Warranty

See the Statguard Flooring Limited Warranty:

[Statguard.descoindustries.com/Limited-Warranty.aspx](https://statguard.descoindustries.com/Limited-Warranty.aspx)