

Non-Slump Epoxy Additive

1. Product Name

Non-Slump Epoxy Additive

2. Manufacturer

Custom® Building Products

3. Product Description

Pre-measured, powdered additive that improves sag-resistance on vertical applications of 100% Solids Epoxy Grout.

Suitable Substrates

- For wall installations
- For interior use
- For exterior installations with surface temperatures between 60°F (16°C) and 90°F (32°C)
- Industrial, commercial and institutional applications with extremely high mortar strength requirements
- Applications requiring high acid and chemical resistance such as dairies, breweries, bottling plants, bakeries, meat packing plants, pharmaceutical plants and animal hospitals
- Concrete, masonry, plaster
- WonderBoard® and cement backerboards
- Gypsum wallboard (dry areas)
- Exterior Grade Plywood (interior dry areas)
- Existing ceramic tile
- Existing plastic laminate
- Bare carbon steel

Composition of Product

Inorganic filler

4. Technical Data

American National Standards Institute (ANSI) ANSI A118.3; A108.6 of the American National Standards for the Installation of Ceramic Tile Tile Council of North America (TCNA) TCNA Handbook for Ceramic Tile Installation, TCNA Method EJ171

Bonding To Concrete Surfaces

Concrete or plaster must be fully cured and accept water penetration. Test by sprinkling water on various areas of the substrate. If water penetrates, then a good bond can be achieved. If water beads, surface contaminants are present and loss of adhesion may occur. The contaminants should be removed before installation. Concrete must be free of efflorescence and not subject to hydrostatic pressure.

Limitations to the Product

- Do not bond directly to hardwood, Luan plywood, particle board, parquet, cushion or sponge-back vinyl flooring, metal, fiberglass, plastic and OSB panels.
- Epoxy mortar thickness should not exceed 1/8" (3 mm) after tiles have been beaten in.
- When setting glass tile over 6" x 6" (15 x 15 cm) contact Technical Services for recommendations
- When setting dimensional stone larger than 12" x 12" (30 x 30 cm) contact Technical Services for recommendations regarding subfloor deflection requirements.
- Temperature will affect the working time of 100% solids epoxy mortar or grout. Hot weather will accelerate curing and shorten working time. Cold weather will slow curing and extend working time. Surface temperatures for installation should be between 60°F (16°C) and 90°F (32°C).
- Not recommended in some manufacturing facilities where heavy solvents are used. Consult Technical Services on questionable installations.

Mixing Ratios



Mix 1:1 with 100% Solids Epoxy Grout. After mixing the resin (Part A) and hardener (Part B) together for 100% Solids Epoxy Grout, add Non-Slump Epoxy Additive and mix well. Then add the grout powder according to package directions.

Application of Product

Installation to conform to ANSI A108.6.

5. Availability & Cost

Item Code	Size	Color	Package
NSEA	1.75 oz. (50 g)	White	Bottle

6. Product Warranty

Custom® Building Products warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's® sole liability under this warranty shall be limited to the replacement of the product. Some states, countries or territories do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's® printed instructions. Custom® makes no other warranties either expressed or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or from one country/territory to another. For details and complete warranty information, visit </reference-library/warranties.aspx>.

7. Product Maintenance

Properly installed product requires no special maintenance.

8. Technical Services Information

For technical assistance, contact Custom® Building Products.

9. Filing System

Additional product information is available from the manufacturer upon request.

Cleaning of Equipment

Epoxy must be cleaned from tools with water quickly after application. Do not allow epoxy to cure on surface of tile. Do not attempt to work more than one unit at a time. Larger units may require a two or three man crew to spread or clean.

Health Precautions

WARNING: Wear rubber gloves and eye protection. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes. Consult physician immediately. Avoid breathing dust. This product contains amorphous silica. Use only with exhaust ventilation or approved respirator. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

10. Technical Services Information

For technical assistance, contact Custom® Building Products.

11. Filing System

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Coverage Chart

Refer to the 100% Solids Epoxy Grout technical data sheets for information.