

DESCRIPTION

- Tarkett 931 Rapid Reaction Epoxy Caulking is a fast-setting, two-component, solvent-free, 100% epoxy caulking compound designed to specifically prevent the flexing and premature cracking of rubber or vinyl stair treads and stair nosings.
- Packaged in a dual-component cartridge with static mixer tips
NOTE: Requires the use of the dual cartridge gun (Tarkett SKU: 297038052)
- Includes a self-mixing nozzle
- Eliminates waste – no need to waste the first 6-12" of material common with other dual cartridge epoxy products
- Sets to a hard, permanent bond
- Recommended for use on stairs where damaged or rounded edges, high traffic, or anywhere requiring support to the nosing
- When installed on rubber and vinyl treads in combination with Tarkett PowerTape™, foot traffic can be introduced in as little as 1 hour

MANUFACTURER:

Tarkett North America
30000 Aurora Rd.
Solon, OH 44139
Phone: (800) 899-8916
Web: www.tarkett.com
Email: info@tarkett.com

PACKAGING INFORMATION

For availability and cost, contact authorized Tarkett distributors or retailers nationwide.

- Packaging: 13.5 oz (399mL) dual cartridge
- Adhesive SKU: 297038337
NOTE: Requires the use of the dual cartridge gun (Tarkett SKU: 297038052)
- Coverage: 50 lf. (12.1 m) with a 1/4" (6 mm) bead

ENVIRONMENTAL SUSTAINABILITY

Refer to Tarkett Ecomedes at <https://tarkett.ecomedes.com/> for complete information on current certifications

- FloorScore Certified
- **SCAQMD Rule 1168** VOC content: < 12 g/L

TECHNICAL DATA:

- Base – 100% Epoxy
- Color – Off-White
- Consistency – Paste
- Open Time: Maximum 30 minutes
- Shelf Life – 1 year at 65°F (18.3°C) to 85°F (29.4°C) and when stored in unopened, original container in a fully enclosed, climate-controlled area.
- Freeze/thaw – Do not allow product to freeze

SUBSTRATE PREPARATION:

Area of installation must meet below requirements:

- Substrate must be clean, structurally sound, dry, and free of dust, dirt, wax, paint, grease, sealers, curing compounds, existing adhesive residues, or other contaminants that may interfere with adhesive bond
NOTE: Smooth areas must be roughened with 60 grit sandpaper or a grinding disc. Epoxy will not adhere to cured epoxy without sanding or grinding.
- Fully enclosed, interior spaces with permanent HVAC climate controls
NOTE: If a system other than permanent HVAC is utilized, it must provide proper control of both temperature and humidity to below limits for the specified time periods
- Substrate must be flat to within 3/16" in 10' (4.8 mm in 3 m)
- Site-condition flooring, accessories, and adhesives 48 hours prior to installation. The location selected for site-conditioning must be either the room where the flooring will be installed or have similar ambient temperature and relative humidity readings as the room where the flooring will be installed. Maintain below conditions for 48 hours prior, during the entire installation, and after:

- 65° - 85°F (18.3° - 29.4°C)
- 40% - 60% relative humidity
- Substrate temperature must be a minimum of 60°F (15.6°C), within 5°F (2.8°C) of the ambient room temperature, and a minimum of 10°F (5.6°C) above dew point
- Approved Substrates:
 - **NOTE: Smooth areas must be roughened with 60 grit sandpaper or a grinding disc. Epoxy will not adhere to cured epoxy without sanding or grinding.**

Substrate	Type	Special Requirements
Concrete	ALL CONCRETE	Must be prepared according to ASTM F710
Wood	Underlayment Grade Plywood	APA rated
		Meets ASTM F1482*
		Prepared according to ASTM F1482
Terrazzo & Ceramic	All Types	Surface must be thoroughly sanded to remove all glaze and waxes. Remove or replace all loose tiles and clean the grout lines. Use a good quality cementitious leveling compound to fill all grout lines and other depressions.
Steel Floors	All Grades	Must clean the floor to remove all dirt, rust, and other contaminants, mechanically abrade to assist with adhesive bond, and prime with a rust inhibitor

*Use most current ASTM standard

LIMITATIONS:

DO NOT install Tarkett 931 Rapid Reaction in the below conditions:

- Exterior installations
- Substrates containing asbestos
- Substrates with standing water
- Directly over adhesive residues, including cutback adhesive
- Directly over existing floor coverings
- Areas with known hydrostatic moisture, osmotic blistering, or alkali silica reaction conditions
- Substrate temperature is below 65°F (18°C) or above 85°F (29°C) or when ambient relative humidity is less than 30% or higher than 80%
- pH of the substrate exceeds 12
- Surface temperature of the substrate is not within 5°F (2.8°C) of the ambient room temperature, and at least 10°F (5.6°C) above dew point

INSTALLATION:

• General Installation Requirements:

- Tarkett flooring and adhesives must be site conditioned at room temperature for a minimum of 48 hours prior to, during the entire installation, and after installation.
- The interior air temperature must be maintained by operational HVAC between 65° - 85°F (18.3° - 29.4°C) with a relative humidity between 40% - 60%. Substrate should be a minimum of 10°F (5.6°C) higher than the dew point temperature and within 5°F (2.8°C) of the ambient room temperature. We strongly recommend the permanent HVAC system be fully operating.

NOTE: If a system other than the permanent HVAC source is utilized, it must provide proper control of both temperature and humidity to recommended or specific levels for the appropriate time duration as stated above.

• Mixing:

Choose all appropriate safety equipment prior to use. Refer to the Safety Data Sheet (SDS) for more information.

1. Cut mixer nozzle end to desired opening size.
2. Remove the end cap and securely attach the mixer nozzle and retaining nut to cartridge.
3. Place the dual-component cartridge into the appropriate dual cartridge dispenser gun (SKU **297038052**)
4. If the caulking compound is uniform in color, there is no need to discard any material. If the caulking compound is not uniform in color discard the first 3-4" until the caulking compound is uniform in color.

• Application:

1. Refer to adhesive label for full installation instructions.
2. Gun a sufficient amount of caulking compound to the inside angle of the nosing. When the nosing is firmly in place, the compound will conform to the curvature of the step edge. For proper support, the nosing must be in 100% contact with the compound as well as the compound to the step edge. Avoid gaps.

NOTE: Do not over-apply 931 Rapid Reaction directly over the adhesive or tape being utilized to install the stair tread or stair nosing as this can inhibit the effectiveness of the adhesive or tape.

3. After installation, thoroughly roll the nosing with a small hand roller.

CLEANUP:

- Before the adhesive sets, remove excess adhesive from flooring and clean tools with denatured alcohol, methyl hydrate, or 70% isopropyl alcohol applied to a clean white cloth (Follow manufacturer's precautions when using these chemicals).
- Do not allow adhesive to dry on the flooring surface.
- Removing dried adhesive may cause irreparable damage to the flooring surface.

TRAFFIC:

- Avoid all traffic for at least 1 hour after installation. Avoid cold or excessive heat, including direct sunlight during this period.
- Wait 72 hours after installation before performing initial cleaning

TECHNICAL SERVICES

Visit us on the web at www.tarkett.com

Contact Technical Support at (800) 899-8916 or E-mail: Resilient.TechnicalSupport@Tarkett.com

LIMITED WARRANTY

Adhesive warranty is a "system warranty" covered under the product that is recommended to be installed in conjunction with this adhesive. Refer to Tarkett limited warranty for complete details.

Tarkett North America

Technical Services Department
30000 Aurora Road
Solon, OH 44139
800.899.8916
info@tarkettna.com
www.tarkett.com