

2018

SPECIALTY

TACK AND CRACK

1. PRODUCT NAME

Roberts® 2018 TACK & CRACK

2. MANUFACTURER

Roberts Consolidated Industries, Inc.

300 Cross Plains Blvd
Dalton, GA 30721
(866) 435-8665 / (706) 277-5294

3. DESCRIPTION

Roberts 2018 TACK & CRACK is a versatile fast-setting, high-strength, tackstrip adhesive and crack/joint filler. It is a two-part, self-leveling polyurea formulation designed to be easily mixed and dispensed using a standard cartridge gun. Roberts 2018 allows for carpet to be stretched and installed within 20-30 minutes. Used for filling control joints, saw cuts, and active cracks, it will remain flexible and allow for 10-15% movement of installed joint width.

Features and Benefits

- Tough, flexible and versatile – use as a tackstrip adhesive or to fill cracks/joints – at any depth and up to ¾" - 1" wide
- Fast-setting with high bond strength
- Stretch and install carpet in 20 minutes
- Quick, easy application with standard cartridge gun
- Self-leveling, low-viscosity two-part system
- Perfect solution for quick repairs
- Enviro-Friendly – solvent-free, LEED® compliant system; VOC <5g/L; SCAQMD Rule 1168

Uses

***Before Use: Please see the Cartridge Preparation Section within the Instructions segment. (Section 5 on the reverse)**

Tackstrip Adhesive – Adhering tackstrip to concrete and wood subfloors. Can also be used for many other applications including cove molding, carpet shims, transitions, ceramic and metal bonding to concrete or wood.

Crack and Joint Filler – Used to fill interior and exterior control joints on horizontal concrete substrates. Treats moving cracks. Protects joint edges from spalling due to wheeled traffic.

Coverage

Approximately 200-220 lineal feet per cartridge (1/16" bead)

Substrates

Porous and non-porous surfaces, concrete, APA rated plywood, one layer of well bonded, existing VCT (free of wax/finish), primed gypcrete (refer to ASTM F2419) and terrazzo.

Limitations

- Not for use in expansion joints.
- Cartridge preparation/balancing **must** be strictly followed.
- This product is highly sensitive to moisture and cannot be used if any dampness is present. Substrate must be dry.
- Color varies during cure and may change in exterior applications.
- Not intended for exterior or interior joints that are subject to high movement.
- Refer to Safety Data Sheet, www.robertsconsolidated.com, industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.

4. TECHNICAL DATA

| | |
|----------------------|---|
| Product Type: | 2-part Polyurea |
| Color: | Part A: Amber / Part B: Gray – When mixed: Concrete Gray |
| Odor: | Slightly sweet |
| Working Time: | 5 minutes at 0°F (-18°C), 3.5 minutes at 75°F (24°C) |
| Tack Time: | Up to 20 minutes |
| VOC: | <5 g/L |
| Shelf Life: | 18 months in unopened container. Store between 60°F (16°C) and 90°F (32°C) |
| Storage: | Protect from freezing |



5. INSTRUCTIONS

CARTRIDGE PREPARATION – *Keep Cartridge in an upright position to prevent material from leaking out of cartridge. Do not tilt cartridge until material is ready to be applied.*

Shake cartridge vigorously for 1 minute, and then stand cartridge upright for 1 minute allowing any bubbles to rise to the top.

Insert the cartridge into a standard caulk gun. Point upward at about a 45° angle. Remove plastic cap and plug from the top of the cartridge.

IMPORTANT! Before attaching the nozzle, balance the cartridge by slowly dispensing a small amount of the material into a disposable container until both components flow evenly from cartridge. Place nozzle onto cartridge and secure by threading in a clockwise direction.

Continue to point the nozzle upward at about a 45° angle away from yourself and others and slowly apply pressure to dispenser, moving the product up through the nozzle until it reaches the tip. Dispense this first full stroke of material into a disposable container. After purging air and balancing, always point the cartridge downward when not dispensing to prevent mixed material in the nozzle from flowing back into the cartridge.

Tackstrip Installation

Prepare and assemble cartridge as described above (remove plug and attach static mixing tip prior to use).

Place a thin line of material down the length of the wall.

Set the tackstrips into place into the adhesive. Do not allow more than a few minutes of open time to install/put down the material and tackstrips.

After 20-30 minutes, install carpet (at 78°F or above). Colder temperatures will require a longer cure time.

Clean up any excess material as soon as possible with a clean rag; while material is fresh. Dried material will need to be mechanically removed.

Repairing Cracks or Filling Joints

Substrate and environment must be completely dry with any presence of moisture prior to usage. To fill cracks, use a saw or grinder with a dry diamond or concrete abrasive blade and cut along the crack, opening it up to 1/8" to 1/4" wide. The edges must be a 90° to the surface to avoid a feathered edge.

NOTES: Cracks may be over filled and shaved down in 60 minutes at 75°F. Roberts 2018 is not intended for joints subject to movement over 10-15%.

Blow out and remove all dust, dirt, debris, oil and any other contaminant from the control joint or crack. Use backer rod or kiln dried sand prior to application of adhesive. Allow sufficient depth for joint filler based upon minimum recommended depth of filler. Place mixing nozzle directly over the joint or repair area. Dispense material using full smooth trigger pulls (no short, choppy strokes) and allow material to gravity feed into the crack/joint.

For joints to be shaved, overfill the crack/joint so that material is slightly higher than the face of the concrete slab you are repairing. Allow product to cure for a minimum of 60 minutes at 75°F (24°C) then use a Roberts Floor Scraper to shave excess material from top surface. Full cure times are temperature dependent.

Clean-up

Fresh adhesive – remove uncured material with a mild solvent-based cleaner.

Dried adhesive – can only be removed mechanically.

6. AVAILABILITY

Packaging

| | | |
|-------------------------|---------|--------------|
| 8.6oz / 254mL cartridge | 2018-9C | 075378201892 |
|-------------------------|---------|--------------|

7. WARRANTY

Warranty – Roberts warrants that this product will be free from manufacturing defects for 12 months from the date of purchase, when applied in accordance with Roberts' instructions and industry standards. Roberts' sole liability is to either supply new product or refund the original purchase price. **This limited warranty excludes all other express warranties including the warranties of merchantability for a particular use or purpose.** Any implied warranties arising by operation of law are limited to one year. Roberts will not be liable for any incidental or consequential damages.

Visit www.robertsconsolidated.com for full warranty details.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

For technical assistance or installation questions not covered in this document, please contact our Technical Services Department at (706) 277-5294 or visit robertsconsolidated.com.

10. FILING SYSTEM

Division 9



Roberts® and the e® logo are registered trademarks of Roberts Consolidated Industries, Inc. • Q.E.P.® is a registered trademark of Q.E.P. Co., Inc. 'LEED®' and related logo is a trademark owned by the U.S. Green Building Council