



AccuColor 100® 100% Silicone Sealant

1. PRODUCT NAME

TEC® AccuColor 100® 100% Silicone Sealant (155)

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800.552.6225 Office
800.832.9023 Technical Support
800.952.2368 Fax
tecspecialty.com

3. DESCRIPTION

AccuColor 100® 100% Silicone Sealant is easy to use, flexible, and non corrosive. It resists water and most common chemicals, offers permanent flexibility, won't crack, shrink or sag and provides excellent weatherability. Use for swimming pools, spas, fountains and other wet area applications.

Key Features and Benefits

- Neutral cure, low odor
- Allows 25% joint compression AND 25% joint expansion
- Excellent weatherability, long life
- Permanent flexibility and durability, won't crack or soften
- Easy to use
- The neutral curing mechanism of product is ideally suited for use in confined work areas since no objectionable odors are generated.
- UV light won't break down, discolor or shrink product
- Contributes to LEED® project points
- Low VOC

Packaging

10.5 fl. oz. cartridge (310 mL)

Colors

Available in 33 colors. Contact H.B. Fuller Construction Products Inc. for a current color selection card.

Coverage

Figures shown in the chart are presented only as guidelines. Coverage will vary with application and bead size.

| Bead Size | Approximate Coverage per 10.5 fl. oz. Cartridge (310 mL) |
|----------------|--|
| 3/16" (4.7 mm) | 50 lineal feet (15.2 lineal meter) |
| 1/4" (6 mm) | 25 lineal feet (7.6 lineal meter) |

Suitable Substrates

- Natural stone
- Glass
- Metals
- Ceramic/masonry
- Porcelain
- Wood
- Plastic surfaces

Storage

Store in cool, dry location. Do not store open containers.

Shelf Life

Maximum of 24 months from date of manufacture in properly stored, unopened package.

Limitations

- Certain stone surfaces may be stained when sealed with a colored sealant, test a small area prior to use to determine suitability.
- Temperature Range: -62°F to 400°F (-52.2°C to 204°C) continuous use. -62°F to 450°F (-52.2°C to 232°C) intermittent use.
- Maximum joint depth should not exceed 1/2" (12 mm) thickness (use backer rod for deeper joints).
- Maximum joint width is 1" (25 mm).
- Not for use in aquarium applications or where subject to abrasion, abuse or wear.
- Not paintable.
- Not for use on building materials that may bleed oils, plasticizers or solvent materials (e.g. impregnated wood, oil based caulks).
- Not a structural glazing adhesive.

Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TEC® brand product(s) under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Applicable Standards

ASTM C920 – Type S, NS, Class 50; TT-S-00230C (COM-NBS); TT-S-01543A (COM-NBS); MIL-A-46106A; AAMA 808.3, 805.2, 803.3 (Type I), 802.3 (Type II)

| AccuColor 100® 100% Silicone Sealant (155) | |
|--|--------------------|
| Description | Typical Results |
| Extrusion Rate | 500 g/min |
| Tensile Strength | 190 psi (1.31 MPa) |
| Elongation | 650% |
| Slump | Nil |
| Shore A Hardness | 15 |
| Tack Free Time | 25 minutes |
| Volume Shrinkage | < 3% |

Greater than: > Greater than or equal to: ≥ Less than: < Less than or equal to: ≤

Physical Properties

| Description | |
|---------------------------------|--|
| Physical State | Soft Paste |
| Color | 32 pigmented colors, 1 clear |
| Odor | Nil |
| Open Time [at 72°F (22°C)] | 10 minutes |
| Final Cure | 1 day, 14 days for swimming pool applications |
| Foot Traffic Rating (ASTM C627) | Residential |
| VOC | 40 g/L |
| Freeze/Thaw Stability | Freeze/thaw stable. If frozen, slowly bring material back to room temperature. |
| Storage | Store in cool, dry location. Do not store open containers. |
| Shelf Life | Maximum 24 months from date of manufacture in properly stored, unopened package. |

5. INSTALLATION INSTRUCTIONS

Application

Maintain surface temperature between 40°F and 90°F (4°C and 32°C) during installation and for 24 hours thereafter. For expansion joints or perimeter sealing, the ratio of the joint width to sealant depth should be roughly 2:1. Apply to clean, dry surfaces free from dirt, grease, and existing sealant. For deep joints first install polyurethane or polyethylene foam backer rod. For shallow joints use polyethylene tape. Metal, glass and plastic surfaces should be cleaned by mechanical or solvent procedures. Simple detergent or soap and water treatments are not acceptable. In all cases where utilized, solvents should be wiped on and off with clean, oil and lint free cloths. Cut nozzle at angle to desired bead size. Use masking tape on both sides of joint to allow for easy clean up. Fill joint completely and tool to desired thickness immediately before a skin forms. Remove masking tape immediately after tooling and wipe any sealant off the face of the veneer. Skins over within 10 minutes. When sealing limestone or other porous stone, conduct small test area to verify non-staining as variations exist.

Clean-up

Clean-up or remove from unintended areas before sealant skins over. Wipe hands with dry cloth to remove sealant. Wash with soap and water.

Curing

Protect from traffic or water exposure for 24 hours. **Swimming pool applications or submerged applications** – use polyethylene backer rod or tape and allow 14 days to cure before filling pool. Fully cured sealant is non-hazardous.

6. AVAILABILITY

TEC® Premium Tile and Stone Installation Products are available nationwide. To locate TEC® products in your area, please contact:
Phone: 800-832-9002
Website: tecspecialty.com

7. LIMITED WARRANTY

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. **H.B. Fuller Construction Products disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product.** For Limited Warranty details visit tecspecialty.com. To obtain a hard copy of the Limited Warranty call H.B. Fuller Construction Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

8. MAINTENANCE

Not applicable

9. TECHNICAL SERVICES

Technical and safety literature

To acquire technical and safety literature, please visit our website at tecspecialty.com.

10. FILING SYSTEM

Division 9



To learn more, visit TECspecialty.com



H.B. Fuller Construction Products Inc. | 1105 South Frontenac Street Aurora, IL 60504-6451



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