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YOUR **ONE STOP TOOL SOURCE**

CATALOG



## AXIOM 25<sup>TM</sup>

100% SILICONE

High performance, high modulus, one component, acetoxy cure silicone sealant.

### Product Description

Axiom 25<sup>TM</sup> is an easy to apply, one component sealant that cures to a durable, flexible silicone rubber upon exposure to atmospheric moisture. Axiom 25<sup>TM</sup> was formulated for use with all solid surface products, engineered stone, cultured marble, and other non-porous surfaces. Axiom 25<sup>TM</sup> is a highly flexible, fast-curing silicone sealant which accommodates joint movement of +/- 25 percent.

### Basic Uses

Axiom 25<sup>TM</sup> can be used for:

- Sealing sheets and strips for bathtub and shower surrounds.
- Other wall applications.
- Fastening and sealing windowsills.
- Fastening and sealing side and backsplashes to kitchen countertops and vanities.
- Hygiene seals in refrigeration and food preparation areas.
- General industrial use.

### Surface Preparation

Clean and dry surface so it is dust-free, frost-free and soap-free. Clean surfaces **only** with denatured alcohol making sure surface is dry.

### Features

- Excellent gunnability throughout a wide temperature range -35°F to 160°F (-37°C to 71°C).
- Excellent unprimed adhesion to most common non-porous substrates.
- Long product life expectancy.
- Highly resistant to ultraviolet light, ozone, moisture, mildew, and extreme temperature variations.
- Dry tools easily to a smooth, attractive finish.
- Good tear resistance.
- Excellent movement capabilities (+/- 25%).
- Rubberlike properties are maintained throughout product life.
- Service temperature range -65°F to 300°F (-54°C to 149°C).
- Skins quickly.

- No special cold storage requirements are necessary.

### Packaging

Axiom 25<sup>TM</sup> is available in 10.3 fl. oz. (305 ml) cartridges, 12 cartridges per case/140 per skid.

### Colors (Product Code)

**Translucent:** White (AX25WH), Beige (AX25BE), Gray (AX25GY), Rose (AX25RO), Green (AX25GR), Charcoal (AX25CH), Blue (AX25BL)

### Typical Properties

These values are not intended for use in preparing specification.

<b>As Supplied</b>	
Flow, Sag or Slump	Nil
Tack-Free Time at 77°F (25°C), 50% RH mins.	15
Tooling Time, minutes	5-15
Cure Rate	7-14 Days
<b>As Cured - After 7 days 77°F(25°C) and 50% RH</b>	
Durometer Hardness, Shore A, points	27
Ultimate Tensile Strength, PSI (MPa)	245(1.58)
Tear Strength, PPI (kN/m)	25(4.4)
Peel Strength, PPI (kN/m)	20(3.5)
Movement Capability, percent	+/-25
Staining	None
Weathering (6,000 hours in Atlas Weatherometer)	No change in hardness or color
Shelf life, Months	12
Extrusion Rate, g/sec	500-600

### Application Standards

Axiom 25<sup>TM</sup> meets or exceeds the test requirements of:

- Federal Specification TT-S-0001543A (COM-NBS) Class A.
- Federal Specification TT-S-00230C (COM-NBS) Type II, Class A.
- ASTM Specification: C-920 Type S, Grade NS, Class 25, Use T, NT, M, G, A: and GSA (C.I.D.) No. AA-1556 Type S, Grade NS, Class 25, Use T, NT, M, G, A.
- FDA-USDA approved under food additive regulation 121.2514.

### Note to Purchaser:

Axiom 25<sup>TM</sup> warrants its products conform to Axiom's published specifications. The user shall determine the suitability of the product to their particular application. The foregoing warranty is in lieu of all other warranties expressed or implied, including those of the merchantability or fitness for any purpose not expressly set forth herein. Manufacturer and seller's liability for damage hereunder shall not exceed the purchase of the goods used. In no event shall manufacturer or seller be responsible for incidental or consequential damages arising out of or in connection with the use of this product by buyer, buyer's users, or any other person. Notification of any claim must be sent in writing to Axiom. The notice should contain a statement as to how the product failed to meet our warranty, the proof of purchase and the amount of refund claimed.



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