

## **AXIOM HIGH-TACK™ TECHNICAL DATA SHEET**

### **Product Description**

Axiom High-Tack™ is a high quality, strong one component adhesive with very high grip based on advanced polymer technology. Therefore, support of the adhesive assembly is not necessary in general. The product is odorless, neutral, and free of silicone and isocyanides. After application, the Axiom High-Tack™ cures with atmospheric moisture to form a durable rubber seal.

### **Applications**

- Gluing of solid surface, granite, engineered quartz, marble, panels, skirting boards, windowsills, strips, thresholds, mirrors, and isolating materials.
- Gluing in coach-work and metal connecting joints.
- Gluing in the shipbuilding industry.

Because of the structure of Axiom High-Tack™, it is advised to use a hand gun with reinforced transmission for application. In general Axiom High-Tack™ may be used, with a primer, to seal assemblies of glass, glazed surfaces, porcelain, coated metal, epoxy and polyester panels, polystyrene, UPVC, Polycarbonate, PU, stainless steel, anodized aluminum, copper, zinc, lead and finished wood and HPL panels.

### **Limitations**

Axiom High-Tack™ is not recommended for application on PE, PP, Teflon, and bituminous surfaces or for underwater application and expansion joints. Axiom High-Tack™ is not paintable with alkyd resin paint and yellowing can occur in the dark. It also cannot be applied through a nozzle with a small orifice.

### **Surface Preparation and Finishing**

Surfaces must be clean, dry, and sound. Adhesion tests prior to application are recommended.

### **Packaging, Available Colors, & Safety**

Axiom High-Tack™ is packaged in 290 ml cartridges in White. Safety Data Sheets are available upon request.

**AXIOM 25 LTD.**

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716-691-4990. Fax: 716-691-8414

Page 1

## AXIOM HIGH-TACK™ TECHNICAL DATA SHEET CONT'D.

### Warranty & Liability

Axiom Ltd. warrants that Axiom High-Tack™ complies, within its shelf life, to its specifications. Axiom Ltd. is not liable for any incidental or consequential damage. All supplied information is the result of our tests and experience but not implying any liability. It is the responsibility of the user to verify by his own tests if Axiom High-Tack™ is suitable for the application.

### Typical Values

Basis: Advanced Polymer Technology

Application Temperature: +5/+40°C

Application Rate: 3mm/6,3 bar; 10g/min

Flow: ISO 7390; <2mm

Density: 1.57 g/ml

Skin Over Time: 23°C/55% RF; 10 - 15 min.

Curing After 24 Hours: 23°C/55% RF; 2 - 3 mm

UV, Weather & Water

Resistant: yes

Frost Resistant: -15° C

During Transport: yes

Shelf Life Between +5°C and +25°C: 12 Months

Joint Movement Capability: ±25%

Temperature Resistance After Curing: -40/+95°C

Shore-A Hardness (3 s): DIN 53505, 60

100% Modulus: DIN 53504; MPa(N/mm<sup>2</sup>) 1,4

Tensile Strength: DIN 53504; MPa(N/mm<sup>2</sup>) 2,2

Elongation at Break: DIN 53504; 350%

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Page 2