

GP131

HIGH PERFORMANCE ACETOXY SILICONE

General sealing and bonding
300 ml cartridge

HAOHONG | DAOTE

TECHNICAL DATA SHEET

Date: 24 November 2026

DESCRIPTION

DAOTE GP131 is a one-component, acetoxy-cure silicone sealant for general non-structural sealing and bonding on compatible substrates.

FEATURES

- High-performance acetoxy silicone for industrial sealing and bonding.
- Suitable for aquarium sealing after full cure.
- Tensile strength of at least 0.60 MPa.
- Excellent adhesion to glass and ceramics for aquarium seams.
- Flexible from -40°C to +150°C after curing.
- Smooth, non-sag paste for glass, display cabinet and ceiling applications.

USES

For aquarium seams, compatible glass and ceramics, display cabinet joints, ceiling details and other general sealing applications. Allow complete cure before filling the aquarium with water. Verify adhesion and compatibility with each substrate and surface finish before use.

LIMITATIONS

Confirm compatibility on sensitive metals, stone and mirror backing. Do not use in structural load-bearing joints.



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JOINT DESIGN

Size the joint for expected movement. Use compatible backing or a bond breaker to avoid three-sided adhesion. Confirm joint dimensions for the project.

APPLICATION

Clean and dry the joint faces. Verify adhesion and compatibility on the actual materials. Apply a continuous bead and tool it promptly. Avoid washing or contaminating the joint during cure.

TECHNICAL PARAMETERS

Property	Value	
Curing system	Acetoxy	
Components	One-component	
Appearance	Smooth paste without visible bubbles or particles	
Colour	Clear	Black / White / Grey
Density (g/cm³)	1.01 ± 0.02	
Specific gravity at 25°C	1.02	
Tack-free time (min)	3-15	
Working time (min)	5	
Consistency	Non-sag	
Sag (mm)	<1	
Shore A hardness	26-30	
Tensile strength (MPa)	≥0.60	
Tensile adhesion (MPa)	0.60	
VOC (g/L)	<70	
Full cure time	1-2 days	
Application temperature	+5°C to +40°C	
Service temperature after cure	-40°C to +150°C	



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STORAGE

Keep cartridges sealed in their original packaging. Confirm shelf life and storage conditions against the current product label.

SAFETY

Read the current Safety Data Sheet (SDS) before use. Follow its guidance on ventilation, protective equipment, first aid and disposal.

DISCLAIMER

Evaluate suitability, adhesion and compatibility under actual application conditions. Use the reported values as reference data unless HAOHONG agrees to specification limits in writing. Confirm applicable classifications and warranty terms before specification.