

GS205

Acetoxy Silicone Sealant



KEY BENEFITS SUMMARY

- Excellent UV and weather resistance.
- Antifungal to suit sanitary and wet area applications.
- Compatible with most common construction materials.

PRODUCT INFORMATION

Description

Tremco GS205 is a single component acetoxy silicone sealant. It cures to a flexible rubber when exposed to moisture present in air.

Colour

Clear, white, black & grey. Other colors available on request, subject to minimum order quantity.

Packaging

280 ml cartridge (24 per carton),

Preparation

- For good adhesion, the joint interface must be sound, clean and dry. Depending on the substrates, the joint surface may require thorough wire brushing, grinding, sandblasting, solvent washing and/or primer. Tremco recommends that air temperatures be 40 °F (5 °C) or above before applying any sealant.
- May be used in any joint designed in accordance with accepted architectural/engineering practices. Joint width should be minimum 1/4" (6 mm) wide.

Joint Backing

- Closed-cell polyethylene, reticulated foam and some open-cell polyurethane rods may be used as joint backing to control depth of sealant bead. Where depth of joints will prevent use of joint backing, an adhesive-backed polyethylene tape should be installed to prevent three-sided adhesion. Joint backing must be dry at time of sealant application.

Usage / Purpose

- Tremco GS205 produces a weathertight seal to glass, metal, porcelain, ceramic and most painted surfaces.
- Tremco GS205 sealant is suitable for use in kitchens, bathrooms, and similar applications.

Priming

Excellent adhesion to glass, metal, porcelain, ceramic and most painted surfaces. Primer less adhesion to most construction surface.

Application

- Apply GS205 equally and free of air bubbles directly out of the cartridge onto the surface or into the joint.
- Smooth surface, if necessary, within the film formation time. At 75 °F (23.9 °C), 50% RH, a durable skin will form within 5 min.
- If masking tape has been used remove it right after smoothing.
- TREM WS500 suitable for Joint sizes from 6 mm - 50 mm. For joint width greater than 50 mm, please contact the local TREMCO technical services team.

Cleaning

- For surfaces and tools that are contaminated by GS205, we recommend IPA/MEK as cleaner. Totally cured material only can be removed mechanically.

Health & Safety Precautions

- Safety data sheet must be read and understood before use

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TECHNICAL PARAMETER

Physical Properties	Test Method	Result
Chemical Base	-	One part moisture cure silicone sealant
Consistency	ASTM C639	Non-Sag
Skin Time @ 23°C / 50% RH, Minutes	ASTM C679	5
Tack Free Time, Minutes	ASTM C679	15
Elongation at break, %	ASTM D412	> 400
Hardness: Shore A	ASTM D2240	19
Application Temperature (°C)	-	+5 to +50
Storage	Store in shaded dry conditions between +5 °C and +25 °C.	
Shelf Life	12 months when stored as recommended in original unopened containers	

Overpainting

GS205 cannot be overpainted.

Please Note

- Do not apply over damp or contaminated surfaces.
- Use with adequate ventilation.
- Not intended for continuous water immersion.
- Do not use on surfaces sensitive to corrosion by acetic acid vapors (a byproduct of sealant cure).