

GECO



UNISEAL GP PRO

ACETOXY CURE SILICONE
SEALANT



FLEXIBLE



SUPERIOR
ADHESION



DURABLE



CRACK-FREE



Description

GECO UNISEAL GP PRO is an acetoxycure silicone sealant with excellent adhesion to a wide range of non-porous surfaces including glass, ceramics, sanitary ware and aluminium. It provides a durable and flexible seal with outstanding resistance to ageing, shrinkage, cracking, and discolouration for long-lasting performance.

Features



Flexible

Remains elastic after curing, allowing it to absorb movement and joint expansion without losing adhesion.



Superior Adhesion

Ensures a strong, reliable bond to a wide range of surfaces without peeling or loss of grip over time.



Durable

Designed to withstand long-term exposure to stress, and ageing without deterioration.



Crack Free

Maintains a smooth, continuous seal without cracking even under movement or temperature changes.



Low VOC

Contains low volatile organic compounds, making it safer for indoor use and environmentally responsible.

Areas of Application

GECO UNISEAL GP PRO can be used:

- in all general-purpose construction and glazing applications
- to seal door & window frames, joints in sanitaryware assembly
- on variety of nonporous substrates such as glass, painted metals, aluminium, glazed ceramic, aluminium, non-oily woods, plastics, fiberglass, etc.

Application Procedure

1. Clean the surface thoroughly and ensure it is dry and is free from dust, dirt, grease and loose particles.
2. Use masking tape on both sides of the joint to get a uniform joint.
3. Cut the nozzle at 45° angle to the desired beading thickness.
4. Load the cartridge into the sealant gun and apply it in a steady and continuous flow.
5. Immediately after filling the joint, tool the sealant surface with pallet knife or similar tool to remove air bubbles and to fill up all voids.
6. Remove masking tape once the sealant is in touch dry condition.
7. Allow the coating to air cure for approximately 24 hrs for 2 mm thickness and 24 hrs for each further mm.

Coverage

One 280 ml cartridge will cover 9.6 linear metre joint at 5 mm width x 5 mm depth.

Limitations

- Non-paintable
- Do not use in structural glazing application
- Do not use for filling gaps on masonry & cementitious surfaces
- Do not use in aquariums, concrete, marble, lead, copper, galvanised steel and PP, Teflon, and bituminous surfaces

Technical Properties

Property	UNISEAL GP PRO	Standard
Colour	Clear, White, Black	-
Base	Polysiloxane	
Consistency	Non- Slumpy Paste	-
Curing System	Moisture Curing	-
Cross Linking	Acetic	-
Viscosity Flow	Non Sag	-
Specific Gravity	0.95 ± 0.02g/mL	DIN 53479
Skin Time @ 23°C / 50% R. H.	7 minutes	-
Tack Free @ 23°C / 50% R. H.	15 minutes	ASTM 679
Tooling Time	20 minutes	-
Depth Cure Rate (mm/Day)	>1.25 mm	-
Shore A Hardness	12 – 18	ASTM D 2240
Temperature Resistance	-60°C to 130°C	-
Application Temperature	5°C to 40°C	-
Elongation at Brake %	>400	ASTM D412
Tensile Strength (N/mm ²)	0.75 – 1.10	ASTM D412
Full Cure	7 days	-

Note: Values will vary depending on service and surface conditions.

Disclaimer: The product information and applications details given in this data sheet is meant to serve as a general guideline only. Users are advised to undertake a trial for product suitability prior to full-scale usage. There is no express or implied guaranty/warranty for the results. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.