

# TECHNICAL DATA SHEET

## GENERAL PURPOSE SILICONE

Issue 6 - October 2015

- Description:** A high performance acetoxy curing silicone which provides a permanently water tight flexible seal and offers excellent adhesive properties, making it suitable for use on glass, aluminium, painted surfaces, sanitary ware, ceramics and non-porous surfaces. Contains an anti-fungal agent.
- Uses:** Sealing around door and window frames, sealing glass to glass and glass to aluminium, sealing around pipes and sanitary fixtures and sealing duct work. Draught proofing casement windows and doors.
- Colours:** Clear White, Brown, Black
- Packaging:** 310ml cartridge packed 1 x 25
- Preparation:** Surfaces must be clean, dry and dust free. If required use masking tape along the edges removing within 5 minutes of application.
- Application:** Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the sealant into the gap or joint ensuring a good solid fill.
- Finishing:** Always tool down using a spatula or stick wetted with soapy water within 5 minutes of application.
- Limitations:** Among others not recommended for application on concrete, marble, lead, copper, galvanized steel, oily surfaces, some PVCu, laminated surfaces, PE, PP, Teflon and bituminous surfaces. Not paintable and not suitable for use with aquaria. Not recommended for direct contact with the perimeter of insulation glass and the edges of laminated safety glass. Adhesion tests prior to application are recommended. It is the user's responsibility to determine suitability.
- Quantity Estimator:** Width x depth of joint, x length (in linear metres) of joint, divide this by the volume of tube = number of cartridges required.

TECHNICAL DATA	DIMENSION	CROMAR GP SILICONE Brown & Black	CROMAR GP SILICONE Clear & White
Basis		acetoxy	acetoxy
Application temperature	°C	+5/+40	+5/+40
Application rate	g/min	1000	600
Flow	mm	<2	<2
Density	g/ml	0,94	0.97
Skin over time	Min	8	13
Frost resistant till -15°C during transport		Yes	Yes
Shelf life stored between +5°C / +25°C	Months	12	18
Paintable after curing		No	No
Joint movement capability	%	+25	+25
Temperature resistance after curing	°C	-50/+120	-50/+120

TECHNICAL DATA		DIMENSION	CROMAR GP SILICONE Brown & Black	CROMAR GP SILICONE Clear & White
<b>Mechanical properties</b>				
<b>2mm film</b>				
Shore-A hardness (3 s)	DIN 53505		10	15
100% modulus	DIN 53504	Mpa (N/mm <sup>2</sup> )	0,15	0.30
Tensile strength	DIN 53504	Mpa (N/mm <sup>2</sup> )	0,85	1.3
Elongation at break	DIN 53504	%	800	600
<b>Joint Dimensions</b>				
Minimum joint width		4mm		
Maximum joint width		25mm		
Joint Connection		4-8 mm	6mm	6mm
		10-12 mm	8mm	8mm
		14-16 mm	10mm	10mm
		18-20 mm	12mm	12mm
		22-24 mm	14mm	14mm

**Health & Safety:** Please refer to health and safety data sheet on General Purpose Silicone.

### Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, or e-mail [info@cromar.uk.com](mailto:info@cromar.uk.com).

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.



Units 3,4,5 Northside Industrial Estate, Whitley Bridge, North Yorkshire DN14 OGH

[www.cromar.uk.com](http://www.cromar.uk.com)

Tel: 01977 663133 Fax: 01977 662186 E-mail: [info@cromar.uk.com](mailto:info@cromar.uk.com)