



# CONSTRUCTION SILICONE

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- Description:** A fast curing construction grade silicone that conforms to ISO 11.600 F&G 20-LM.
- Uses:** Ideal for a wide variety of general building and glazing trade applications. Adheres to many common building materials. Uses include exterior construction dilation joints, glass butt joints, perimeter pointing, sealing around PVCu, cap beading, sealing cladding panels, sealing around worktops.
- Colours:** White, Clear, Brown, Black, Grey, Bronze
- Packaging:** 310ml cartridge packed 1 x 25  
600ml foil pack packed 1 x 12 (white only)
- Preparation:** Surfaces must be clean, dry and dust free.
- Application:** Gun silicone firmly into joint to provide a solid fill. If required use masking along edges, removing within 10 minutes of application.
- Finishing:** Always tool using a spatula or stick wetted with neutral soapy water within 5 minutes of application. It is the user's responsibility to dispose of all packaging correctly.
- Limitations:** On porous surfaces priming is advised. Not suitable for use with Aquaria. Not suitable for continuous water immersion. Not recommended for application on concrete, natural stones, marble, lead, copper, galvanised steel, PE, PP, Teflon and bituminous surfaces. Adhesion tests prior to the application are recommended. It is the user's responsibility to determine suitability.

## Technical Data:

Technical Data	Dimension	Construction Silicone	Construction Silicone Bronze
Basis		Acetoxy	Acetoxy
Application temperature	°C	+5/+40	+5/+40
Application rate 3mm/6,3 bar	G/min	150	170
Flow ISO 7390	mm	<2	<2
Density	G/ml	1,035	1,04
Skin over time 23°C/55%RF	Min	10	5-10
Frost resistant till -15°C during transport		Yes	Yes
Shelf life stored between +5°C/+25°C	Months	24	12
Paintable after curing		no	no
Joint movement capability	%	+/-25	+/-25
Temperature resistance after curing	°C	-50/+180	-50/+180
Mechanical properties			
2mm film			
Shore-A hardness (3s) DIN 53505		18	20
100%modulus DIN 53504	Mpa(N/mm <sup>2</sup> )	0,3	0,4
Tensile strength DIN 53504	Mpa(N/mm <sup>2</sup> )	1,8	1,8
Elongation at break DIN 53504	%	650	600





Joint dimensions	Width	Depth
Minimum width	4mm	
Maximum width	25mm	
Joint connection	4-8mm	6mm
	10-12mm	8mm
	14-16mm	10mm
	18-20mm	12mm
	22-24mm	14mm

**Quantity Estimator:** Width x depth of joint x length (in linear metres) of joint, divide this by the volume of tube in ml = number of cartridges required.

**Further Information:** In the event of further queries or problems concerning the use of this product, please contact the address below:-

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Unit 3, The Maltings Industrial Estate  
Doncaster Road, Whitley Bridge  
North Yorkshire DN14 0HH  
Tel: 01977 663133 Fax: 01977 662186  
[info@cromar.uk.com](mailto:info@cromar.uk.com) [www.cromar.uk.com](http://www.cromar.uk.com)



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