



## DOWSIL™ 813C Construction and Concrete Silicone Sealant

Neutral silicone sealant

### Features & Benefits

- Good unprimed adhesion to a variety of substrates
- Neutral cure
- Low odor
- Conforms to ISO 11600-F-25LM
- Meets the requirements of EN 15651-4 and EN 14188-2 class A
- Resistant to ozone, ultra-violet radiation and extreme temperatures
- Joint movement capability  $\pm 50\%$
- Excellent weatherability –virtually unaffected by sunlight, rain, snow, ozone and extreme temperatures of  $-40^{\circ}\text{C}$  to  $149^{\circ}\text{C}$

### Applications

- DOWSIL™ 813C Construction and Concrete Silicone Sealant is a one-part, neutral curing, low modulus silicone sealant particularly suitable for interior and exterior applications, such as external weather seals, expansion joints and perimeter joints in buildings and other types of construction as well as pedestrian walkways and traffic roads which do not involve immersion in fuel. DOWSIL 813C Construction and Concrete Silicone Sealant offers durable adhesion to a range of porous and non-porous surfaces including concrete, masonry, brick, PVC-U, wood and some metals used in construction without danger of corrosion from the sealant.

### Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Test <sup>1</sup>	Property	Unit	Result
	Cure system		Alkoxy
	Service temperature	$^{\circ}\text{C}$	- 40 to + 149
	Application temperature	$^{\circ}\text{C}$	+5 to 50
CTM 97B	Specific gravity		1.51
CTM 364C	Extrusion rate	g/minute	240
CTM 98B	Skin-over time (23 $^{\circ}\text{C}$ , 50% R.H.)	minutes	20
CTM 95A	Tack-free time (23 $^{\circ}\text{C}$ , 50% R.H.)	minutes	30

1. CTM: Corporate Test Method, copies of CTMs are available on request.