

**CPX44 Alcoxy Cure IG-Unit Compatible,
High Performance Neutral Building Silicone Sealant**

1. PRODUCT DESCRIPTION

CPX44 silicone is a one part, low modulus silicone sealant which undergoes a neutral cure when exposed to atmospheric moisture. The resulting rubber like seal exhibits high elasticity and excellent durability against sunlight, UV radiation, rain, snow and temperature extremes. CPX44 silicone has a good adhesion to most common building materials such as: glass or glazed surfaces, aluminium and other metals, masonry, treated wood, concrete, PVC and many other plastics.

2. SPECIFICATION COMPLIANCE

No specification applicable to this product.

3. APPLICATIONS

CPX44 silicone adhere to many common building materials such as glass, concrete, various metals and painted wood without the use of a primer. The sealant is also designed to have excellent adhesion to a broad range of thermo plastics.

- UV-resistant
- Excellent durability
- Unaffected by high or low temperatures
- Weathering resistant
- 100 %-silicone
- Low-modulus
- High elasticity
- Fast curing
- High movement capability
- Low odor

4. TECHNICAL DATA

General Product Data			
Cartridge Availability			Standard fill
Foils Availability			N/A
Colors Available			White / Clear
Curing System			Neutral
Segment	Performance		Top

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Uncured Product Data			
Specific Gravity			1.03
Application Rate	g/minute	6 mm orifice, 2 bar pressure	400
Sag	mm	ISO 7390	<2
Tooling Time	minutes	at 23°C, 50 % RH	10
Tack Free Time	minutes	at 23°C, 50 % RH	20
Shelf life	months		13
Application temperature	(°C)		+5 / +40
Cured Product Data			
Hardness (Shore A)	Shore A	DIN 53505	20
Full Cure	days		1 - 5
Tensile Strength	MPa	ASTM D 412 (die C)	1.2
Tensile modulus @ 100 % elongation	MPa	ASTM D 412 (die C)	0.3
Elongation at break	%	ASTM D 412 (die C)	550
Tensile adhesion modulus @ 100 % elongation	MPa	ISO 8339 (glass substrates)	0.32
Tensile adhesion strength at break	MPa	ISO 8339 (glass substrates)	0.56
Tensile elongation at break	%	ISO 8339 (glass substrates)	300
Peel adhesion strength	Kn/m	ASTM C 794	6
Temperature resistance	(°C)		-50 / +100

5. INSTRUCTION FOR USE

Surface must be clean, dry and free from oil, grease, dust and other loose matter. Detergent or soap and water treatments are not recommended. Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. The solvent used should be checked for compatibility with adjacent materials that it will contact.

6. STORAGE

Store in cool dry conditions, protect from frost.

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Avoid contact with skin and eyes (see health and safety data sheet). As with all chemical products, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes and mouth. If accidentally ingested, wash mouth out with water and seek medical attention. For eye contact, flush eyes with clean water for at least 10 minutes. Seek medical advice if irritation or discomfort persists.

KEEP AWAY FROM CHILDREN AND ANIMALS

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