

Proflex NS

One Component, Neutral Curing Silicone Rubber Sealant.

Description	Proflex NS is one component, non-sag neutral curing (oxime) silicone rubber-based Sealant with outstanding adhesion to general exterior materials of the building without primer. It is a durable, flexible silicon rubber seal. complying with ASTM C-920 Type S, Grade NS, Class 25, Use NT, G, O, M, A
Where to use	• Sealing of aluminum curtain wall joint (floor polymer coated, anodized) • Joint of the aluminum complex panel. • Sealing in construction work such as windows and doors. • Sealing of assembly panel construction for PCN steel.
Advantages	• Excellent weathering resistance. • Excellent adhesion to most construction materials without primer. • Noncorrosive. • Excellent flexibility. • Non-shrink & Non-sag. • Eco-friendly.
Properties	
Binder	Silicone Polymer
Curing system	Neutral
Specific gravity	1.5 ± 0.05
Joint movement capacity	±25%
Shore A hardness	21
Color	White, Gray & Others
Curing rate	2 mm/day
Full cure time	7 days
Tack free time 23 °C, 50% R.H	Maximum 10 minutes
Weathering resistance	Excellent
Tensile strength	1.4 - 1.5 N/mm ²
Elongation at break	310%

How to use	• Clean All Joint Surface: clean all substrate surfaces removing contaminants (e.g dust, oil, loose debris, and so on.) Solvent wipes polluted parts using a piece of cloth. Do not use detergent or soap and water. • Install Back-Up Material: Backer rod materials such as closed-cell polyethylene type can be used in the base of the joint to control sealant depth. • Mask Adjacent Surface with Masking Tape: Masking tape will ensure a clean, neat appearance and reduce clean-up by protecting surrounding areas from the excess sealant. • Priming: Primer may be needed for optimum adhesion to some substrate surfaces based on adhesive testing Information on Prokem primer is available on request from Prokem. • Applying Sealant: Applying sealant with air-operated guns and bulk dispensing equipment into the base of the joint so that it completely fills the joint, wetting both sides. • Tool Joint: Tool the surface of the joint immediately after sealant application to provide a smooth even finish and to ensure the sealant skins.
Cleaning	Be careful so that is not affected substrates and sealant with a clean surrounding region after work.
Limitation	Proflex NS should not be applied: • When substrate surface temperature exceeds 50 °C. • To the wet surface. • For continuous immersion in water or in below-grade applications. • Surface in direct contact with food. • For continuous high pressure and high temperature, the Interior fire prevention section. • Joint region that wears is expected by physical friction.
Theoretical Coverage	260 g/LM (for joint (W:d) (20 : 10 mm) Max. width 30mm Max. depth 10 mm (Width: Depth) : (1:1) or (2:1)
Packaging	600ml Cartridge
Shelf life & Storage	12 months unbroken package under dry and cool conditions (<30 °C)
Health and Safety	• Use gloves when handling dry powder. • Do not breathe dust. • Use a particle mask. • Eye contamination must be washed immediately with clean water.
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction. PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.