

# Proflex NS-SA

## Neutral-Curing Silicone Weather Sealant for Building Joints

Description	<p>It is one component, neutral silicone sealant with high movement, excellent adhesion to a wide range of substrates, low modulus, UV &amp; OZ resistance, elastic, and suitable for hot and tropical weathering &amp; fungi static.</p> <p>The material is complying to ASTM C920, Type S, Grade NS, Class100/ 50 Use M, G, A, O, NT</p>
Where to use	<ul style="list-style-type: none"> <li>• Sealing moving joints</li> <li>• Expansion joints</li> <li>• Control joints</li> <li>• Concrete panel joints</li> <li>• Tilt-up panel joints</li> <li>• Perimeter caulking of windows, doors and panels</li> </ul>
Advantages	<ul style="list-style-type: none"> <li>• Excellent adhesion</li> <li>• High movement</li> <li>• Weather resistant</li> <li>• UV- resistant</li> <li>• Elastic &amp; Flexible</li> <li>• Neutral cure</li> <li>• Anti-fungi</li> <li>• Solvent free</li> </ul>
<b>Properties</b>	
Composition	Neutral Silicone
Color	Grey, Black
Density	1.5 Kg/L
Curing rate	2 mm/day
Skinning time	25 - 30 minutes (25 °C, &50% R.H)
Tack free time	2 - 3 hours
Service temperature	-40 °C / +150 °C
Shore A hardness	25
Elongation at break	700 - 900 %
Tensile Strength	1.23 - 1.5 N/mm <sup>2</sup>
Movement capacity	+100/-50 %
Bond Strength to concrete	1.1 - 1.2 N/mm <sup>2</sup>

How to use	<ul style="list-style-type: none"> <li>• All surfaces must be sound, clean, dry &amp; <b>free</b> from oil, grease, and dust</li> <li>• For non-porous surfaces such as glass &amp; metals no primer is required</li> <li>• For porous surfaces such as concrete, mortars, renders &amp; bricks, primer is required</li> </ul>
Application	<ul style="list-style-type: none"> <li>• Install a backing rod <b>Kemrod</b> to adjust width/depth</li> <li>• Insert the cartridge into the sealant gun and extrude the sealant into the joints</li> <li>• Avoid air extra parent, assure full contact with the joint sides</li> <li>• Use masking tape for joint lines and remove it after skinning time</li> </ul>
Limitation	<ul style="list-style-type: none"> <li>• The sealant cannot be over painted</li> <li>• Color change may be occurring due to exposure by chemicals</li> <li>• Do not use the sealant on natural stone, bitumen, natural rubber</li> <li>• Do not use the sealant in swimming pools or underwater</li> </ul>
Cleaning	Clean all tools & equipment immediately after use
Joint configuration	<ul style="list-style-type: none"> <li>• Joint width 6 - 45 mm</li> <li>• Joint depth 6 – 15 mm</li> <li>• Width: Depth 2:1</li> </ul>
Theoretical Coverage	Joints (20:10 mm) / 3LM / 600 ml cartridge
Packaging	600 ml foil pack
Shelf life & Storage	12 months if stored properly in original unopened packaging
Health and Safety	<ul style="list-style-type: none"> <li>• Use goggles, Gloves and breathing mask when applying</li> <li>• Applied forced ventilation in confined spaces</li> <li>• Skin splashes to be removed with hand cleaner, soap and water</li> <li>• Eye splashes to be washed with plenty of water</li> <li>• If ingested seek medical advice.</li> </ul>
Additional Information	<p><b>PROKEM</b> 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</p> <p><b>PROKEM</b> designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction</p> <p><b>PROKEM</b> reserves the right to change the properties of its products</p> <p>All orders are accepted subject to our current term of sale &amp; delivery</p> <p>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</p> <p><b>PROKEM</b> extends technical services to include after-sales support to assist users in the proper handling of our products</p>