

	<b>NovaBond SignFix XS110W</b>	Product Information.
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### Product Description.

NovaBond XS110W is a white foamed acrylic adhesive with a special high tack formulation yielding excellent all round bonding properties to a wide range of substrates, under the most demanding of applications exhibiting very high strength bonds.

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### Product Specification.

Adhesive:	The adhesive is a premium performance white foamed acrylic which is a pressure sensitive formulation giving good tack, excellent peel and shear performance.
Liner:	A red HDPE filmic liner
Application	Suitable for various demanding bonding applications interior as well as exterior, metals, most plastics, glass, powder coated surfaces, badges and trims, signs and display assembly.
How To Apply:	To achieve the best adhesion results the surfaces to be bonded must be clean, dry and dust free and loose particuls. The ideal cleaning method should incorporate use of a solvent such as isopropyl alcohol (NovaBond Surface Cleaner). To attain the optimum bond strength sufficient pressure should be applied to the tape to ensure good adhesive wet out on the substrates. The tape is pressure sensitive adhesive and the best results are achieved with maximum surface contact under pressure. The bond strength builds to it's optimum strength after 24 hours, this can be reduced by exposing the bonded materials to temperature of 60°C for approximately 1 hour. Application temperature ranges between 21°C-40°C. On certain substrates a primer may be necessary or a seal if the surface is porous. For demanding exterior applications such as traffic signage, abrade where aesthetics allow and treat the surfaces to be bonded with NovaBond Surface Primer.

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### Product Specification.

Backing	Extruded Acrylic
Colour	White
Adhesive Coating	Solvent Acrylic
Thickness	1.1mm
Elongation	750% ± 100%
90° Peel adhesion after:	(ASTM D-3330)
20 minutes	6500 gr.f./25mm
24 hours	11000 gr.f./25mm
72 hours	12000 gr.f./25mm
Tensile Strength	(ASTM D-897)
(50mm/min., 25mm x 25mm 24hr)	
SUS-304 (T-Block)	55 Kgf/25mmx25mm <sup>2</sup>
Dynamic Shear	(ASTM D-1002)
(50mm/min., 25mm x 25mm)	
SUS-304	58 Kgf/25mmx25mm <sup>2</sup>
PVC Plate	45 Kgf/25mmx25mm <sup>2</sup>
ABS Plate	45 Kgf/25mmx25mm <sup>2</sup>
Static Shear	(ASTM D-3654)
(Falling time of 25mm x 25mm tape with 1kg weight at 80°C)	>10000 minutes

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**Service Temperature**

Minimum

-20°C

Maximum

+180°C

Test Method: ASTM

**Storage**

This product should be stored in ambient temperatures of around 20°C, avoiding wide temperature fluctuations and direct sunlight. The storage environment should have a relative humidity of approx. 50%.

In ideal storage conditions, the shelf life for this material should be approx. 12 months from the delivery date. Within this period, no major deterioration or alteration of the products performance characteristic will occur.

The values presented in this document have been determined by standard test methods and are average values that should not be used for specification purposes. Our recommendations regarding the use of our products are based on tests considered by INNOVA SOLUTIONS to be reliable, but the customer must conduct his own tests to determine the suitability of the product to the individuals application and requirements. INNOVA SOLUTIONS do not accept responsibility or liability, directly or consequentially, for loss or damage caused as a result of our recommendations.

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