


TECHNICAL DATA SHEET

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PRODUCT	NovaBond XS110B Bonding Tape			

Product Description

NovaBond SignFix XS 110B is a black foamed acrylic tape with a red filmic liner. The product utilises the latest high strength, solvent free technology to satisfy the demanding criteria of the signmaker and other industries requiring critical, consistent and reliable performance whilst being friendly to the environment. The double coated LSE adhesive is suitable for a wide variety of lower surface energy materials including powder coat paints and plastics.

Product Specification

Colour – Black
Carrier – Acrylic Foam
Liner – Red PE
Thickness – 1.1mm (± 10%)
Length – 33m
Standard Roll Dimensions – 12, 19, 25mm
Logs – 450mm


Product Benefits

- High tack and initial bond strength improving process efficiency
- Easy release double sided siliconised liner to speed up assembly
- Incredibly high bond strength for peace of mind
- Withstands extremes of temperature, water, most solvents and chemicals, differential expansion and contraction and high forces applied to the bond providing superior durability, longevity and exterior performance.
- LSE adhesive formula bonds to a wide variety of substrates including low surface energy materials such as powder coat paint
- In many cases abrasion of surface is not required

Best Practice

Where possible, and aesthetics allow, always abrade the surface to provide a 'key'. This can increase the ultimate bond strength by as much as 35%. Clean with NovaBond Surface Cleaner and prime with the relevant NovaBond Surface Primer. Independent tests at Loughborough University have shown the correct primer to increase the ultimate bond strength by up to 50%.

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Product Data

Dynamic Shear* (Mean Load)	627N (Surface area 800mm ²) Force Applied 45N for 60 seconds Jaw Speed 10mm/minute
180° Peel* (Mean Load)	65N (Surface Area 60mm ²) Force Applied 20N Jaw Speed 50mm/minute
Tensile Load* (Mean Load)	62N (Surface Area 122mm ²) Force Applied 45N for 60 seconds Jaw Speed 10mm/minute
Data taken from independent testing commissioned at Joint Testing Services by Dr. Paul Briskham	
Service Temperature	-40°C - 120°C Short Term 150°C
Elongation	>700%
Application Temperature	Minimum 15°C (ideally between 21°C and 40°C) Relative Humidity 55% ± 10%

For any other advice or on-site consultation, please contact us via our details below or go to our online demonstration video at: - <http://bit.ly/novabond>

<http://www.innovasolutionsonline.co.uk/>

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