

TECHNICAL DATA SHEET



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PRODUCT

NovaBond XS110W Bonding Tape

Product Description

NovaBond SignFix XS 110W is a white 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 firmer acrylic core yields incredible shear and peel strengths and superior holding power.

Product Specification

Colour – White
Carrier – Acrylic Foam
Liner – Red PE
Thickness – 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.
- Tested to, and passed, the relevant fire tests which form Tables 2 & 3 (interior Vertical Surfaces) of BS 6853:1999 (code of practice for fire precautions in the design and construction of passenger carrying trains) standard. This standard was used to form the basis of LUL1-085:Issue A2 for use on the London Underground. The tapes were tested as a bonding medium for bonding compliant signage to vertical surfaces.

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)	533N (Surface area 800mm ²) Force Applied 45N for 60 seconds Jaw Speed 10mm/minute
180° Peel* (Mean Load)	33N (Surface Area 60mm ²) Force Applied 20N Jaw Speed 50mm/minute
Tensile Load* (Mean Load)	89N (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 - 200°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/>

bonding people fixing problems

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