



## bigBond Self Adhesive Pads for Poppit - Data Sheet

bigBond Pads are a quick and simple way to attach the Poppit to all sorts of surfaces. They provide excellent ageing and weather resistant properties. We always recommend you test the product before using in quantity as bonding conditions always vary.

### Technical Properties:

Adhesive	High Tack Acrylic (Solvent Based)
Tack	J. Dow No. 16
Liner	90g/m <sup>2</sup> White Glassine Paper
Carrier	Cross-Linked 4 PCF PE Foam, 1.6mm thick
Service Temp	-20°C to 80°C
Colour	White

### Performance after 20 minutes at 25°C:

Peel Adhesion	PSTC-3 1.6kgs/25mm
Shear Strength	PSTC-9 over 24 hours with 2kg on 25mm x 25mm at 25°C (sandwich holding of stainless steel plates)

### Performance after 5 seconds at 25°C:

Material	Pull Kg	Shear Kg
Alloy Sheet	11.4	6.6
Stainless Steel Sheet	8.8	7.4
Mild Steel Sheet	8.3	6.4
MDF (sealed)	9.2	7.5
MDF (unsealed)	5.8	7.6
Chipboard (sealed)	10.5	6.7
Chipboard (unsealed)	6.8	7.4
Plywood (sealed)	11.3	7.1
Plywood (unsealed)	6.4	6.4
Plastic	8.9	7.2
Tile (smooth)	7.9	6.9
GRP (smooth)	7.2	6.6
GRP (coarse)	7.9	6.4
Painted Surface	7.7	7.0

**Tips for usage:**

- Peel adhesion and shear strengths after 1 hour are 70-80% of the maximum. Maximum is achieved after 24 hours.
- The cleaner the surface the better the bond. Remove dry and wet contamination.
- The larger the surface area the better the bond. For uneven surfaces BigBond Pad's 1.6mm foam helps maximise the contact area.
- Apply pressure to achieve a good bond.

**SHELF LIFE & STORAGE RECOMMENDATIONS**

It is recommended that all Poppit Pads are stored in the packaging supplied until ready for use. Product should be stored in a cool dry place at a room temperature of 25°C ±5°C and 60% ±10% relative humidity. Product should not be exposed to direct sunlight, dust, water, or other foreign material.

- Maximum recommended shelf life is 12 months from date of purchase

*Important Notice: All technical information contained within this document is based on actual results achieved by Bighead Bonding Fasteners Ltd (BBFL) within a controlled test environment and relate solely to the test criteria applicable. BBFL can accept no responsibility whatsoever for adhesive bonding performance obtained by others over whose installation methods BBFL has no control. It is the user's responsibility to determine product suitability for any specific purpose/application. BBFL may provide a sample for this purpose upon request.*