



# Technical Data Sheet

## Bondloc WSPU Windscreen Installation Kit

### PRODUCT DESCRIPTION

One component ultra fast-curing and flexible direct glazing sealant for vehicle glass.

### USEFUL NOTES

- One component Polyurethane
- Capable of withstanding high dynamic
- Rapid application and curing stresses
- Suitable for cold and warm application
- Suitable for use with integral aerials
- High Modulus - maintains torsional rigidity
- Prevents contact corrosion in aluminium and increases the vehicles NVH values body vehicles

### PREPARATION

The adhesion on normal vehicle varnishes generally does not require the use of primer. It is advisable to carry out preliminary adhesion tests on the support. Specific guidance regarding the use of primers may be obtained by submitting substrate samples to our laboratories.

The surfaces to be bonded must be clean, dry and free from dust and grease. It is necessary to apply WSPU Primer on glass. Due to the diversity of substrates, preliminary tests are recommended. Avoid direct contact with isocyanate reactive substances, especially alcohol such as spirit, dilutions and cleaning compounds until the adhesive has attained full cure. This will prevent the adhesive from curing properly. By direct or indirect contact with some other organic products preliminary tests are recommended.

Processing temperature: +5°C to +40°C.

### OTHER INFORMATION

Clean tools immediately after use.

Once cured material can only be removed mechanically. When processing Bondloc WSPU, avoid direct skin contact with the uncured material. Use of safety gloves is recommended.

### Drive away information

- Drive Away Time: 1-2 hours  
(+23°C and 50% relative humidity)
- On vehicles fitted with both driver & passenger airbags
- Vehicle glass weight below 35 kg. Glass weight above 35 kg contact technical department

### STORAGE

Can be stored for 12 months in its original packing (unopened container) at +5° to +25°C in a cool, dry place. Do not store at temperatures above +25°C. Keep away from wet areas, direct sunlight and heat sources.

### TECHNICAL FEATURES

Base	One component polyurethane, rapid curing by reaction with moisture	
Colour	Black	
Density	1,25 g/cm <sup>3</sup>	
Viscosity	Paste, spreadable, non-sag properties	
Tack Free Time	15mins	DIN 50 014 / NC 23/50-2
Curing	3mm (on first day)	DIN 50 014 / NC 23/50-2
Electrical Volume Resistivity	10 <sup>9</sup> Ω cm	
Hardness Shore A	60	DIN 53 505
Elongation at Tear	≥400%	DIN 53 504
Tensile Strength	10.0 N/mm <sup>2</sup>	DIN 53 504
Temperature Resistance	-40°C to +100°C	With brief points at 120°C
Drive-Away Times (Cars)	1-2 hours (respectively without and with double-sided airbags throughout operating temperature range from -5°C to +40°C) according to FMVSS 212/208	

### HEALTH & SAFETY

This technical information sheet does not constitute a Safety Data Sheet (SDS). Before using this product ensure you have read and fully understood this products SDS.

### PACKAGING FORMAT

Contains 2 x 310ml cartridge, 50ml primer, 50ml cleaner/activator.

Bondloc UK Ltd.  
Units 1 & 2  
Bewdley Business Park  
Bewdley, Worcestershire  
DY12 2TZ, UK

+44 (0) 1299 269 269  
sales@bondloc.co.uk

**PRECAUTIONS:** This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheets (SDS) for this and all other products being used are understood by all persons who will work with the product. Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is consider accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.

