

Technical Data Sheet

Bondloc PU 21
Revised 03.08.10



Bondloc PU 21

PRODUCT DESCRIPTION

BPU 21 is a one part, fast moisture-curing sealant/adhesive. After curing the sealant has a shore A hardness of about 40 and excellent tear resistance which allow general purpose uses in the main industrial or building applications.

APPLICATIONS

This product is formulated to provide rapid skin formation and fast cure when the polymerisation occurs at room temperature. BPU 21 also provides goods PRIMERLESS adhesion on all common substrates. (Glass, aluminium, metal, concrete...) This product meets the American NSF Non Food Program (FdA Standard) standard for packed food transportation.

PROCEDURE FOR APPLICATION

Clean all joint surfaces of all contaminants and impurities (dust, release, agents, oil, rust...) which may affect the adhesion of the sealant. Grinding, mechanical abrading or cleaning with a solvent may be required. Do not apply the sealant under 5°C. For cold weather application, store the cartridges at 20°C before using.

Tooling: Tools could be cleaned with xylene or toluene when the sealant is uncured. After curing, mechanical abrasion is necessary.

STORAGE

Shelf Life > 12 months

HEALTH & SAFETY IN USE

This Technical information sheet does not constitute a Material Safety Data Sheet. Before using this product ensure you have read and fully understood Bondloc Material Safety Data Sheet BPU21.

TECHNICAL FEATURES

Base	Polyurethane
Colour	Grey
Density / Specific	1.18
Skinning time	60 mins (at 23°C)
Curing speed	3mm per 24 hours
Recovery	93%
Shore A Hardness	40 (ISO 868)
Elongation at break	>80% (ISO 8339)
Modulus	0.6 Mpa (ISO 8339)
Shrinkage	7% approx.
Heat resistance	-30 to +90°C
Staining	None
Sagging	None
Weathering resistance	Excellent
UV resistance	Excellent
Chemical resistance	Good resistance to water, diluted acids & diluted alkalines
Storage stability	12 months

PRESENTATION

Cartridge.....310ml

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 Material Safety Data Sheets (MSDS) 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 nor infringe any patent.