

Technical Data Sheet

Bondloc MCPU

Revised 03.08.10



Bondloc MCPU

DESCRIPTION

MCPU is a single component, solvent free, moisture curing polyurethane adhesive. Specifically designed for bonding wood to wood, for the wood working industry.

It can also be used to bond many types of plastic foams and other insulating materials to a wide variety of both rigid and flexible facing materials. Such composites form structural sandwich panels and insulated building boards and may be used in the manufacture of cold stores, caravans, mobile homes and offices, insulated building units etc.

APPLICATIONS

Materials to be bonded should be clean and free from dust, grease and other contaminants.

A test panel should always be prepared when new materials are to be used to establish the adhesives compatibility.

USEFUL NOTES/HINTS

- Moisture Cure
- Easy to Use
- High Bond Strengths
- High Temperature Resistance

INSTRUCTIONS FOR USE

- Ensure surfaces to be bonded are clean and free from grease and other contaminants.
- Using the poly bottles apply MCPU to one surface only. The amount of adhesive will vary according to the porosity/smoothness of both substrates.
- Assemble the substrates and place under pressure within 5 minutes of adhesive application.
- Maintain pressure until the adhesive is sufficiently cured to permit handling of the bonded item (30 minutes)
- It will take 24 hours for full cure to be achieved and handling within this period should be kept to a minimum.

TECHNICAL FEATURES

Base	Polyurethane
Appearance	Brown
Temperature resistance	-30 - 150°C
Application temperature	5 - 30°C
Viscosity @ 25°C	4400 cps
Cure time	30 minutes/24hours full
Open time	5 minutes

STORAGE

Stored in unopened containers between 5 and 25°C MCPU has a shelf life of 3 months. Once the container is opened the adhesive will have a limited shelf life.

MCPU is a moisture sensitive adhesive and left in contact with the open atmosphere will eventually gel.

HEALTH AND SAFETY

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

PRESENTATION

Bottle.....1L

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 considered accurate but is 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.