

Infinity Bond PUR 250-60

Overview

Infinity Bond PUR 250-60 is a high performance, general purpose PUR hot melt adhesive used for bonding a wide range of substrates. PUR 250-60 has a 60 second open time and excels when bonding wood, plastics, metals, foam, fabric and more.

Common Applications

- Product assembly, wrapping PVC profiles, yellow chromatised aluminium profiles and wood based profiles with PVC foils, decorative papers and veneers (also fleece laminated)

Advantages

- Suitable for outdoor applications
- Very high initial tack
- Very quick setting properties
- Heat resistance of more than 150°C (according to the material used)
- Low temperature resistance, less than -40°C (according to the material used)
- Resistant to steam and boiling

Application temperature: 110-140°C

Application quantity:

PVC foil	30 –50 g/m ²
decorative papers	50-70 g/m ²
veneers	80-100 g/m ²

Because of the variety of PVC profiles, preliminary tests should be done.

Rate of feed: from 20 m/min

Specifications

Base: polyurethane
Specific gravity: approx. 1.1 g/cm³

Viscosity (on the day of production)

Brookfield HBTD 10 rpm

at 120°C: 23.000 ± 5.000 mPa s

at 140°C: 12.000 ± 3.000 mPa s

Identification: identification required according to the German hazardous substances regulations GefStoffV contains diphenylmethane-4,4'-diisocyanate (see our safety data sheet)

Note: Intended for commercial use only.

Hotmelt adhesives release vapours, even if the prescribed working temperature is observed. Consequently, unpleasant odours can occur. If the indicated working temperatures are exceeded for a longer period of time, harmful decomposition products can develop. Therefore, measures for the elimination of the vapours have to be taken, i.e. by means of a suitable ventilation/ exhaust device.

Infinity Bond PUR 250-60

The surface of the PVC or aluminum section must be warmed to 40°C immediately before the wrapping process is started.

Special notes on PVC window profiles

Wait two weeks after wrapping before performing weatherproofing tests or a glycerine test (5 minutes in a bath of glycerine heated to 130°C) (see also the special processing guide)

Chemical cross linking of PUR hotmelts requires moisture. Therefore sufficient air humidity has to be present during processing.

Application devices

- cartridge pistols for manual use
- bulk melting systems with a carbon-dioxide blanket
- barrel for 20 and 200 litre barrels

Available Sizes:

Cartons with 12 cartridges of 300 g net each
Cartons with 5 metal cans of 2 kg net each
Steel pails, 18 kg
Metal drum, 200 kg net

Additional packaging sizes available upon request.

Storage

This PUR hot melt can be stored in factory sealed containers for the following periods:

cartridge, approx. 12 months
can, approx. 12months
pail, approx. 9 months
drum, approx. 12 months

Protect from humidity!

EX1210; replaces previous versions

Waste Disposal

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.
Our containers are made of recyclable material.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.