# KANTOMELT PUR

**In-house hotmelt adhesive as a 2 kg bloc in an aluminium inliner with very high heat and water resistance.**

## Properties
The hotmelt REDOCOL Kantomelt PUR is a polyurethane-based synthetic resin adhesive with good processing properties for edgebanding machines or pre-melting units. The adhesive melts and flows very well. It can be processed very easily and does not string. REDOCOL Kantomelt PUR is particularly distinguished by its extremely high initial strength and produces tight joints with small applied quantities. It has very high water and heat resistance.

## Application
The hotmelt REDOCOL Kantomelt PUR is designed for bonding the following edging materials: ABS, veneer, melamine, 3D acrylic, PP, and PVC. The suitability of the edgings should be tested beforehand (test bonds).

## Processing Instructions
Set up the machine / the pre-melting in accordance with the instructions of the machine manufacturer and proceed as normal for the application of REDOCOL Kantomelt HP PUR.Good results will be achieved if the following conditions are observed:

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| Room temperature | 18 - 35 °C |
| Humidity | 30 - 60 % |
| Processing temperature | 120 - 140 °C |
| Feed speed | at least 15 m/min |

The strength and stability of the joints partly depends on the proportion of the joint area to which the adhesive is actually applied.

## Storage and shelf-life
Store REDOCOL Kantomelt PUR up to 9 months in a cool and dry place, sealed in securely closed original containers.

## Cleaning
After usage we would recommend that the machine is thoroughly cleaned by using a special cleaner. Once cured, PUR hotmelt adhesive can only be loosened using aggressive solvents, before being removed mechanically. The machine manufacturer's guidelines must be observed at all times.

## Chemical-technical data

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|---|---|
| Basis | polyurethane (PUR) |
| Delivery form | 2 kg bloc |
| Colours | nature, white |
| Viscosity (Brookfield) | approx. 40,000 mPa.s |
| Softening point (Kofler) | approx. 80 °C |
| Heat resistance | approx. 150 °C |

## Precaution
The product contains diphenylmethane diisocyanate, which produces a measurable vapour pressure at the recommended working temperature, possibly resulting in the MAC value of 0.005 ppm being exceeded. Exceeding the recommended working temperature could cause the formation of fission products in the molten material, potentially harmful to health. Measures to remove vapours must therefore be taken in any event, e.g. with suitable suction devices.If the hot molten material comes into contact with skin, do not use remove any residual product forcefully; consult a doctor. The contents of the safety data sheet must be observed at all times!

## Labelling
Please consult the **safety data sheet** for detailed information about:

- Labelling of hazardous goods
- Transport regulations
- Safety regulations