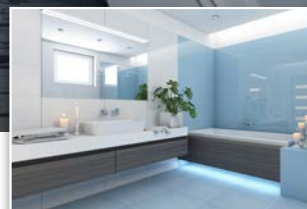
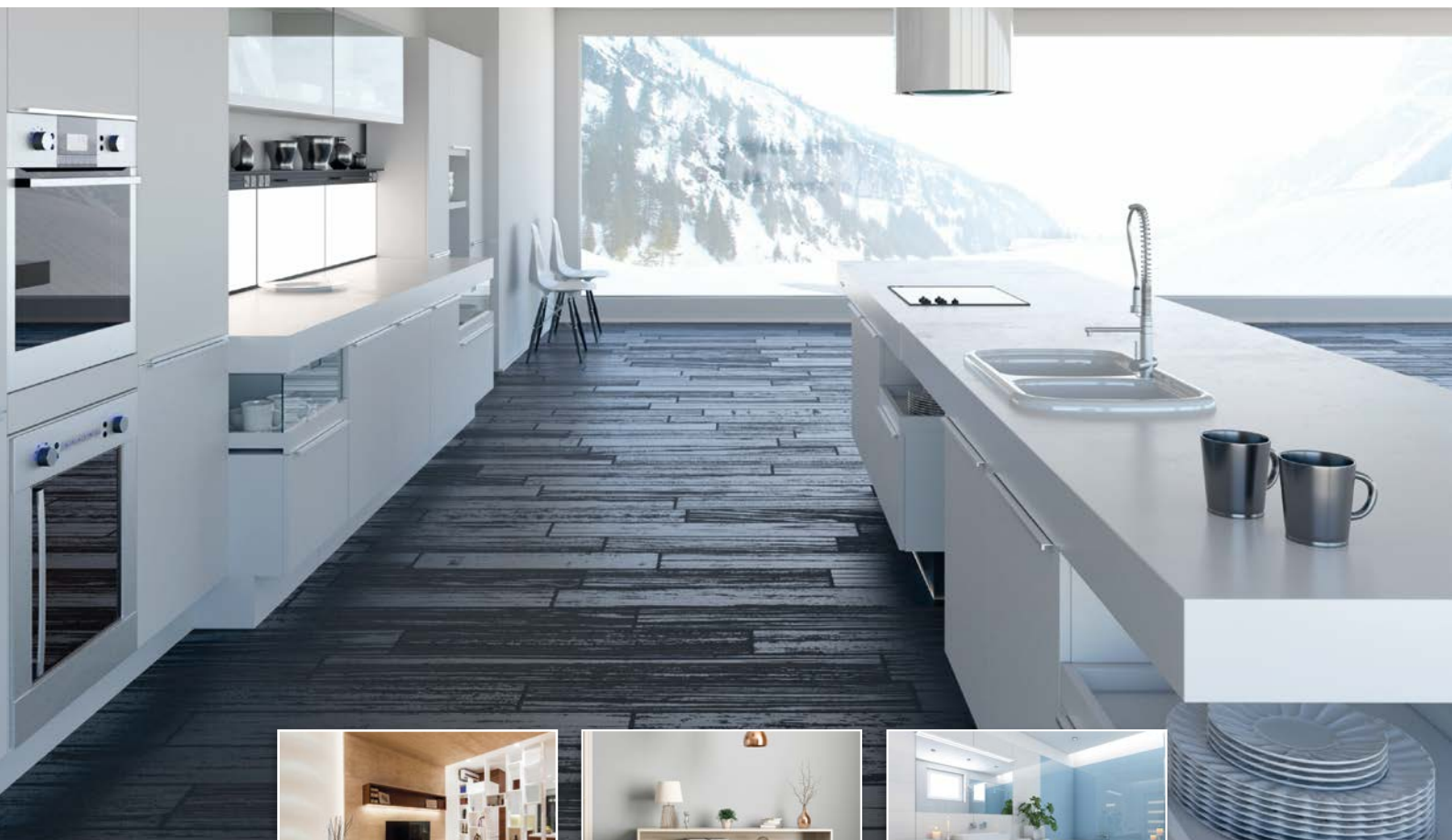


## PUR hotmelt adhesives for **Edge Banding**



Edging adhesives for prefab construction and furniture with highest quality standards



# Adhesives for the perfect edge

Adhesive systems for kitchen and bathroom furniture as well as prefabricated components

Elaborately designed pieces of furniture for long-term use, e.g. in commercial construction, have particularly high quality requirements in terms of material and processing. The invisible glue line in between stands for highest bonding quality and an elegant appearance. A seamless transition between edge and surface is often a fundamental criterion for the design of high-quality furniture. In the furniture industry, edge banding is performed using state-of-the-art edgebanding machines. The requirements for an economical, efficient production process are constantly increasing. The adhesive must bond a wide variety of materials securely and quickly and allow immediate further processing of the furniture panels. Hotmelt adhesives with particularly high initial strengths are therefore ideal for edge banding.

Special attention must be paid to the joints of the edge bonding of furniture panels made of wood-based materials. They are considered to be particularly sensitive and must be made as invisible and tight as possible, both visually and physically. Especially in the kitchen or bathroom, furniture is frequently exposed to the influence of water, steam and heat. If these come in contact with an edge joint which hasn't been produced properly, it will swell over time. The piece of furniture is then slowly but surely destroyed.

The variety of materials, thicknesses, colors and embossing is high. Edge materials are usually made of plastic, metal or wood. Panels are known for:

- furniture fronts
- furniture side panels
- furniture back panels

The surfaces of these panels are usually already laminated before edging. Typical material combinations for edge bonding are e.g.

- MDF board with ABS edge
- chipboard with ABS edge
- sandwich panel with ABS edge
- sandwich panel with aluminum edge
- and many more.

In order to achieve the most elegant appearance possible, the invisible glue line has become widely accepted in the transition between edge and surface decor. It stands for the best processing quality and offers the best protection against moisture penetration. Reactive PUR adhesives master the demanding task of edge bond-

ing for kitchen and bathroom furniture with ease. In these adhesive systems, chemical post-curing occurs after physical curing. This results in very high temperature resistance (-30 °C to +150 °C) and moisture resistance. They are clearly superior to conventional

EVA or polyolefin-based edge adhesives. KLEIBERIT PUR hotmelt adhesives are suitable for almost all edgebanding materials.

## Micro-Emission Adhesives for Edge Banding

Product	Viscosity 140 °C [mPa·s]	Application temperature [°C]	Color	Characteristics/Applications
707.9.50 707.9.51 707.9.58 707.9.95	80,000	140 - 160	ivory	<b>THE label-free,</b> for industrial lines with higher line speeds. Also available in white *.51, transparent *.58 and black *.95 versions.
707.9.85	80,000	120 - 160	ivory	<b>THE sustainable,</b> ME + Bio > 35% from non-petrochemical raw materials

## Reactive PUR Hotmelts for Edge Banding

Product	Viscosity 140 °C [mPa·s]	Application temperature [°C]	Color	Characteristics/Applications
702.7.00	60,000	120 - 160	milky transparent	<b>THE hard elastic,</b> for sensitive materials such as edge bands painted on the reverse side.
707.6.00	60,000	120 - 140	ivory	<b>THE all-rounder,</b> with a balanced performance level. Also available in transparent, white and fluorescent versions.
707.6.40	100,000	140 - 160	ivory	<b>THE overnight-hotmelt,</b> can remain in the melting tank overnight without cleaning. Also available in white and fluorescent versions.
707.7.00	60,000	120 - 130	ivory	<b>THE cartridge hotmelt,</b> for e.g. HolzHer melting systems
707.9.00	80,000	120 - 160	ivory	<b>THE professional,</b> for industrial systems with higher line speeds. Also available as transparent, lightfast, white and fluorescent versions.
707.9.40	35,000	120 - 140	milky transparent	<b>THE specialist,</b> for bonding where exceptionally high initial strength is required. Also available as a white version.



J-shape



Edgebanding



Invisible glue line

## Cleaners

Product	Characteristics/Applications
761.6.00	Cleaning of tank and drum melters, gear pumps and transport hoses, metal application units (e.g. slot nozzle, roller); combines the function of flushing cleaners like KLEIBERIT 761.7 and the intensive cleaner KLEIBERIT 826.0 in just one product
761.7.00	Cleaning of tank and drum melters, gear pumps and transport hoses, metal application units (e.g. slot nozzle, roller)
761.9.00	Cleaning of tank and drum melters, gear pumps and transport hoses, metal application units (e.g. slot nozzle, roller). In cartridge form, especially suited for cartridge melting systems.
823.3.05	Cold cleaner for removal of hardened adhesive residue on machine parts, tools and devices
826.0.05	Cleaning liquid for removing cured adhesive residue using heat



The capabilities of the edge banding machines available are a decisive factor. The production process and the intended use of the panel differ from case to case. For a perfect result, individual consultation is essential. Our edgebanding adhesives have been used by the furniture processing industry for several decades.

Our engineers are very familiar with the edge banding machines commonly used in the market. Let us advise you! Together we will find the right adhesive and optimize your individual production process. Contact us directly by email or telephone.

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