

# WOOD & TIMBER TIMES

## Southern Africa

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# Austro customers benefit from converting to Kleiberit adhesives

Local woodworking and industrial machine supplier Austro reports that it has received excellent feedback from customers using Kleiberit edgelanding adhesive products.

**A**ustro COO Trevor Williams says Austro has converted a number of customers to the Kleiberit brand since it became an official Kleiberit agent.

"Kleiberit edging adhesives perform exceptionally well in high-speed edging applications where a quick and complete bond is critical. Customers who had issues with their conventional adhesives delaminating were the first to be converted to Kleiberit."

Further, Austro has also developed a process whereby it can enable users of conventional open gluepots to enjoy the benefits of Kleiberit's renowned polyurethane (PUR) edging glue.

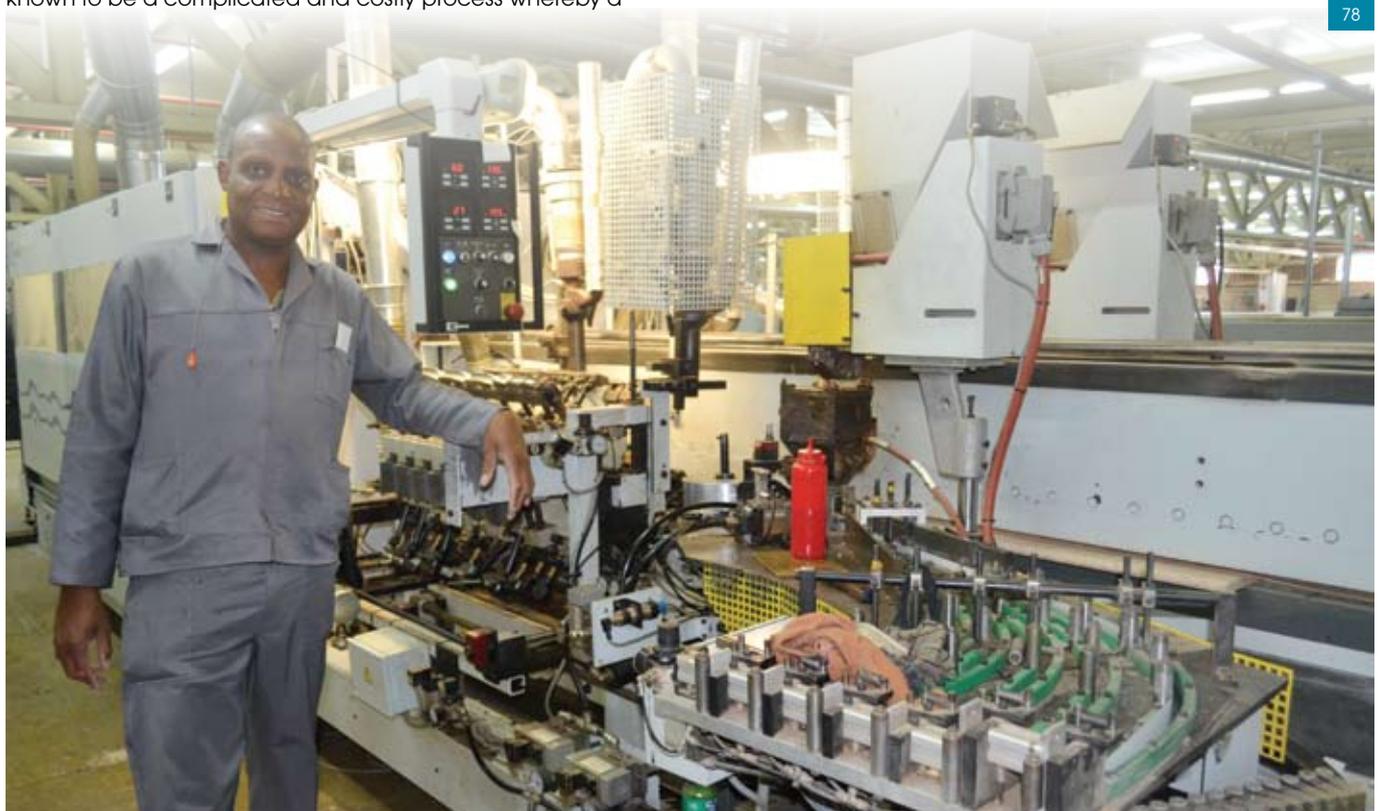
PUR adhesives create an extremely strong bond that is non-reversible and water and heat resistant. PUR reacts with moisture in the air to develop its bond and therefore it is usually applied in a completely closed system.

"The transition from normal hotmelt edging glues to PUR is known to be a complicated and costly process whereby a



An example of where the cutters chipped away the edging that delaminated during profiling

complete glue pot unit change needs to be done. In some instances the only way to use PUR edging glue is to purchase a new edgebander that is purpose built to apply this type of glue.



Soffforming production line operator



# The PUR Specialists

KLEIBERIT manufactures high quality adhesive products for the Wood Industry with following applications:

## Flat Lamination

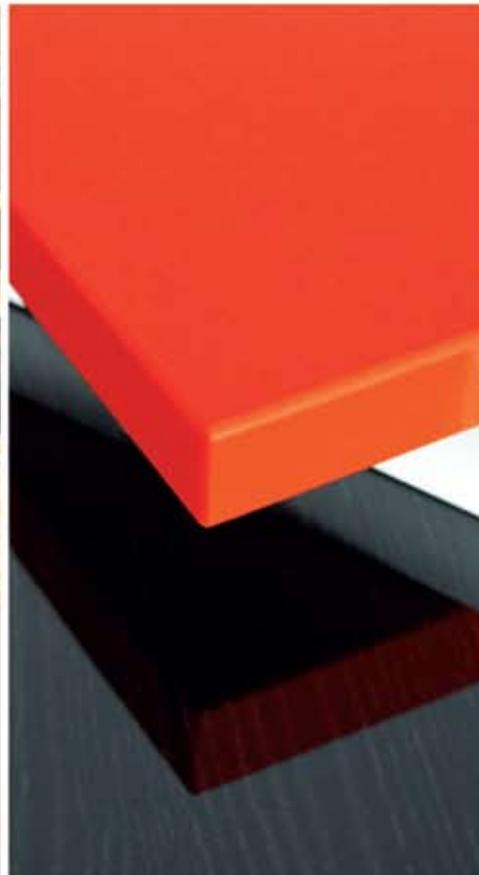
- Low coat weight
- Highest glue line strength
- Pressure stable surface
- **EO** - no formaldehyde

## Edge Banding

- Extreme strength
- No chip swell
- Proven thousands of times

## Profile Wrapping

- High heat resistance
- Reduced fibre swell
- Bonds to many inner core materials



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"However, with our process we can equip customers with the necessary skills to use PUR glue in their normal gluepot. The only condition is that the gluepot should be quickly removable.

Through our unique process we have made Kleiberit's popular PUR edging adhesive available to many happy users," explains Williams.

**Conversion success story: Fair Price in Devland, Johannesburg**

Wood Southern Africa and Timber Times visited Johannesburg-based mass furniture producer Fair Price to learn how the company benefited from converting to a Kleiberit adhesive product.

Fair Price reports that it experienced delamination on its sofforming edgbanding line. The company consulted with Austro to identify the failure in the system. After investigation it was established that the conventional hotmelt Ethylene-vinyl acetate (EVA) used by Fair Price failed and caused delamination of the edgbanding.

Austro recommended that the manufacturer test Kleiberit 735.0 on its sofforming line. Fair Price reports that the Kleiberit adhesive has performed very well so far.



A board with a sofformed profiles edge coming off the Homag line. Here the melamine paper edging can be seen properly applied using Kleiberit 735.0

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A board with a sofformed profiles edge coming off the Homag line. Here the melamine paper edging can be seen properly applied using Kleiberit 735.0

"We have been using Kleiberit 735.0 on our soffforming line for more than two months now and we are very pleased with the results. The delamination that occurred while we were using our old glue caused many other problems down the production line. The cutterheads on the edgebander chipped away at the edging and we ended up with a lot of rejects and wasted edging material," notes Fair Price Rostien Savahl. Converting to Kleiberit has definitely solved our problem."

Fair Price operates a German manufactured double sided Homag soffforming edgebanding line and a Homag single sided soffforming line. The double sided soffforming line applies 7 000 running metres of edging a day in two shifts. Each side of the double sided edgebander feeds at about 18 m/min. The line has been in operation for about three years.

The Kleiberit hotmelt adhesive is used on all the various colours and thicknesses of Fair Price's melamine paper edging product which is applied to the soffform edges.

By Sinette Goosen

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