



MELAWOOD

INTRODUCING THE LATEST COLOURS
IN OUR MELAWOOD RANGE



AVAILABLE IN OUR NEW FINISH:

FUSION

THE LOOK OF REAL WOOD

pgbison.co.za



Something to PUR over from Kleiberit

If the cost of converting your edgebander, or uncertainty in demand have swayed you against putting polyurethane reactive (PUR) adhesives to the test, now there's a cost-effective, waste-free way you can process small runs with perfectly sealed edges.

Kleiberit PUR adhesives produce edge banded boards with edges that are totally sealed, water and moisture-proof, heat-resisting and have nearly invisible joints.

Bradly Larkan of Kleiberit says there are two main reasons why board upgraders are hesitant to make the move to PUR adhesive. Firstly, without a robust commitment to either buy a new edgebander that's fully equipped for processing with PUR, or substantially modifying your existing edgebander, you can't try it out and check the results for yourself. Secondly, even if you went to the expense of adding heated nozzles, application equipment and closed systems to your present machine, there's no certainty you'd have enough demand to justify the investment.

Well, you'll be pleasantly surprised to learn that now there is a way around these challenges: a way that enables you to buy small quantities of whichever PUR formulation you need for a specific short-run job and keep the PUR you don't use without fear of it curing before you need it next. And you can do this without the cost of modifying your existing edgebander.

"We are now able to offer our customers all the benefits of a PUR adhesive in a format that enables them to apply it using standard gluepots," says Larkan. "It's available in small quantities for testing, or for small jobs that might otherwise result in a lot of waste. And, because we're able to supply it in aluminium cartridges, it's guaranteed that the unused adhesive left in the cartridge will not go off."

Kleiberit has introduced various of its PUR 707.0 grades in 270g cartridges that cover most edge banding



Ideal for small runs or testing, Kleiberit's new 270g PUR 707.0 cartridges are heated to 125 degrees C in a pre-heater, then dispensed into the hotmelt gluepot of the edgebander using a simple gun

operations, along with a kit comprising a pre-heater, a cleaner and a couple of different application guns for transferring the melted PUR into the gluepot of the machine. The nozzle of the cartridge can be sealed after use with Kleiberit grease 883.1 to prevent moisture ingress so any remaining glue can be used later.



Bradly Larkan, general manager of Kleiberit in South Africa, UK and Ireland, and vice president North America

"The cartridge looks and works much like a tube of silicone and it contains enough of the product for you to be able to test it and assess its suitability without waste," says Bradly. "The cartridges are also ideal for workshops that only have an occasional need for PUR and don't have the demand for bulk stock in granulate form. If you want a white-coloured PUR to bond a white edge to a white board, we can give you the facility to create a zero glueline on your own machine without modifying it using standard PUR," says Bradly. "If you want transparent, we can offer transparent."

With gluepot and roller temperatures set between 120 and 130 degrees C, production can be run as normal. Target coating weights should be in the region of 100-120gsm for MDF and 120-150gsm for chipboard.

The idea of running PUR in a standard machine has been around for a long while but Kleiberit has now perfected the way to do this efficiently. "We decided there was a better way," says Bradly. "When you open any PUR package, it starts to cure. Using our cartridges, if you only want to use a small amount, you only put a small amount in the gluepot. The rest remains sealed in the cartridge and without air it will not cure. The cartridge prevents it from curing, so it's good for your next project - even if that's weeks away."

The local suppliers of Kleiberit products are Austro Woodworking and Hüster Machinetool Company.

This article first appeared in the January 2017 edition of *Furniture Journal*, pp22-23, edited by Melvyn Earle.