

# WOOD

## Southern Africa

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# TIMBER TIMES



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# AUSTRO

MACHINES. TOOLING. EDGING. TECHNICAL SUPPORT

## THE BIGGEST SUPPLIER SHOW IN SA

**THE AUSTRO SHOW**  
**4th – 7th June 2014**

Wednesday – Friday 09:00 - 18:00

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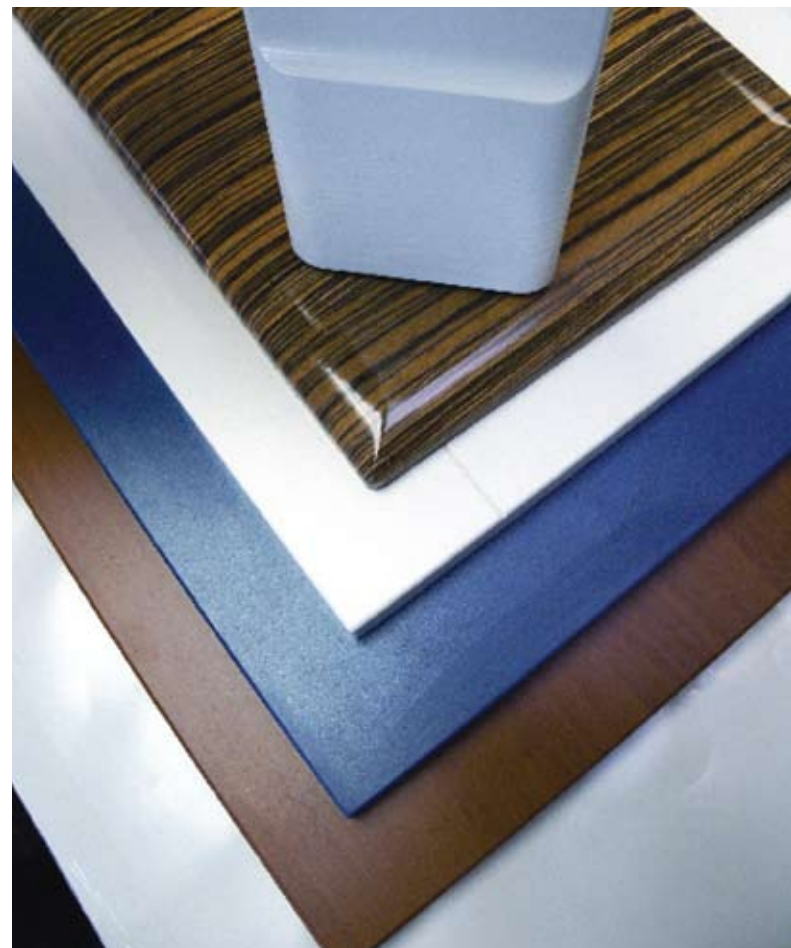
# Kleiberit's grade 431.7 adhesive achieves five stars under FIRA testing

The Furniture Industry Research Association (FIRA) provides a wide range of independent expert services to the global furniture supply chain and also to furniture consumers

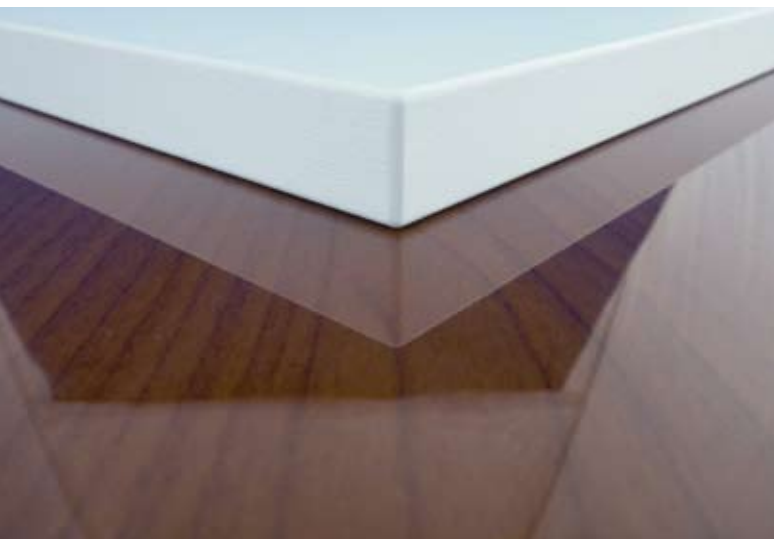
The institute is well respected within Europe and producers of furniture requiring high performance parameters rely on FIRA to test their finished furniture parts to aggressive industry standards.

For example BS 6222 Part 3 test method is designed to test polyvinyl chloride (PVC) wrapped door fronts in a simulated high temperature environment. The doors spend nine days in the oven starting at 40° C and ending at 60° C. At each stage, the door edges are checked for any spontaneous delamination or shrinkage and are graded accordingly:

Rating	Significance	Pass/Failure
5	No spontaneous de-lamination	Pass 5 Star
4	No spontaneous de-lamination 0,1 mm shrinkage	Pass
3	No spontaneous de-lamination, 0,3 mm shrinkage	Minimum Pass level
2	Some spontaneous de-lamination > 0,3 mm	Fail
1	Complete spontaneous de-lamination	Fail



PVC wrapped panels are tested to determine if they show any delamination or shrinkage under extreme heat situations



Panels produced with Kleiberit's grade 431.7 dispersion spray adhesive received a five star rating from The Furniture Industry Research Association

Kleiberit submitted panels manufactured with their new grade 431.7 dispersion spray adhesive, which is designed to bond PVC decorative foil to shaped medium density fibreboard panels, and achieved the highest pass possible, a five star rating.

Inspection of the samples after the test showed no delamination or shrinkage whatsoever. Customers using the 431.7 product can now be assured that door panels produced with this adhesive will result in performance levels at the top end of the market.

For further information please contact [sales.safrica@kleiberit.com](mailto:sales.safrica@kleiberit.com)







# Simply Perfect

## 3D Form Press Technology

**KLEIBERIT**  
**431.7**



### Easy to use

#### 1C product

- No more incorrect mix ratio
- Consistent viscosity

#### No flushing between shifts

### Perfect

#### Best spray characteristic on the market

- Smooth Surface Finish
- Spray nozzles from 1.0 mm to 1.8 mm
- Less overspray
- Can be sanded
- Not sticky after drying, allows for panel stacking

#### Low reactivation temperature

- Only requires 50°C
- Perfect for high gloss foils

#### Highest heat resistance even compared to 2C technology >100°C

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