

WOOD
Southern Africa

&

TIMBER TIMES

May 2019 Vol.44 No.7

Visions

Micro Emission (ME) PUR Adhesives

Solutions for Surface Finishing, Profile Wrapping
and Edge Banding



www.kleiberit.com

Read about KLEIBERIT's micro-emissions PUR adhesive technology in the Cover Story on pages 36 – 37.

CONTENTS

May 2019 Vol. 44 No.7

Editorial comment2

FORESTRY

Bridging the technological divide 4

Young SA scientist wins the coveted Blue Sky Award 6

CTL vs TL harvesting systems 8

Smart Waratah made it look simple at Focus on Forestry 10

Brazilian loader trailer and crane on show 12

Southern Cape forestry and processing industries in crisis 14

Re-inventing forestry nurseries 16

African out-grower nurseries: automation of a different kind 19

Proudly South African for 90 years 22

TRANSPORT

FAW launches 6.130-series of locally built medium trucks 23

SAWMILLING / TREATMENT

Wood-Mizer stars at Nampo and the Royal Show 25

SANS 1288 poles are for non-structural applications only 26

Manage your environmental risk – before it is too late! 28

Sappi shines in supplier development awards 29

SA's timber resources can support wood-based building systems 30

Roof estimator and designer courses open for registration 32

Nukor supports Vollmer parts, circular saws and PCD grinders 34

WOODWORKING / DESIGN

Cover story:

Kleiberit's impressive new adhesives and coatings wows Ligna 2019 35

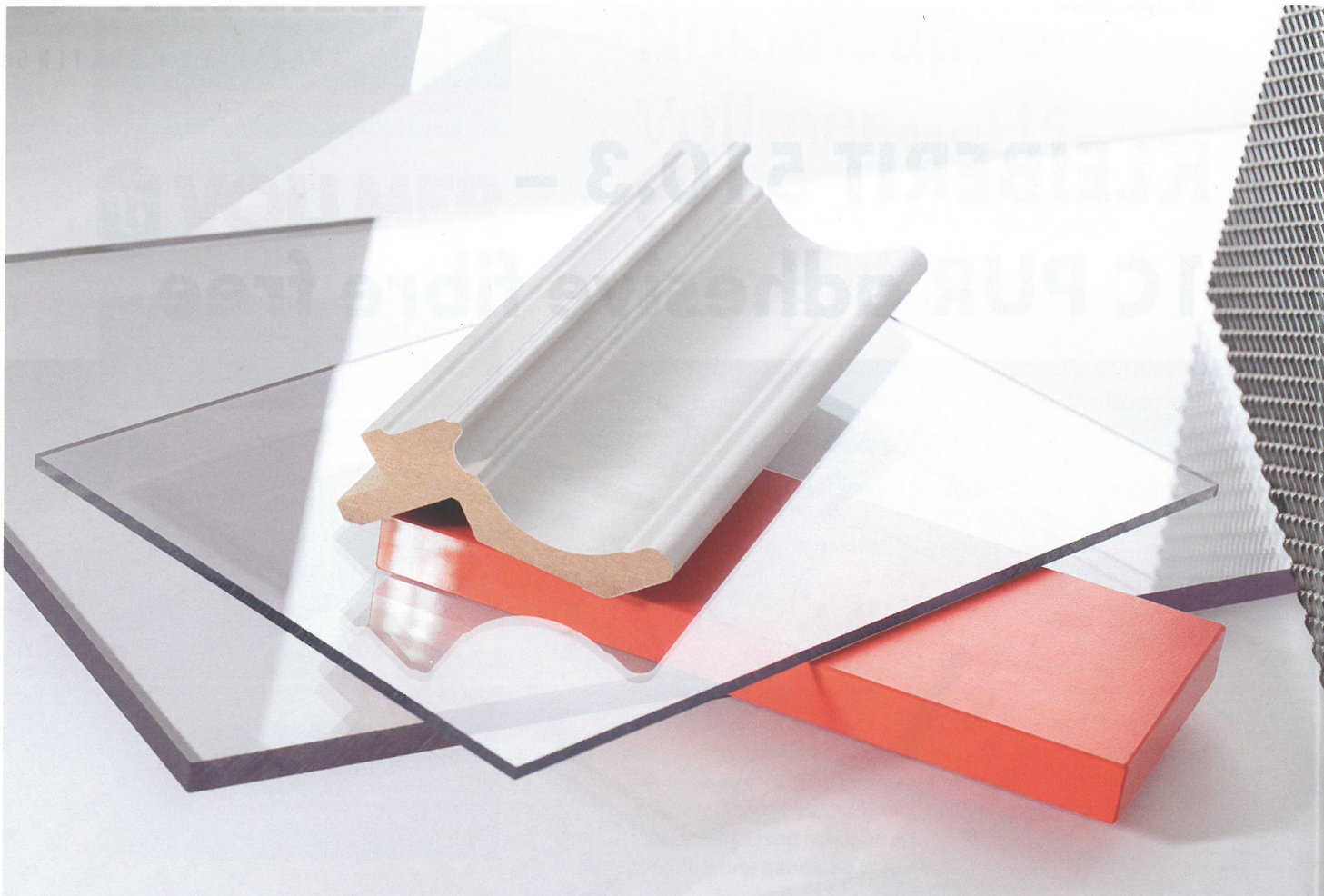
Ergoform empowers employees and changes people's lives 38

Biesse Group celebrates its 50th anniversary 42

High-end design featured at Decorex 2019 45

Lake Kariba inspires new chair design 48

Multi-function portable work bench launched 48



Kleiberit's impressive new adhesives and coatings wows Ligna 2019

Kleiberit, the international adhesives and coatings company, exhibited a comprehensive range of new developments and innovations at their 600m² stand at this year's Ligna tradeshow in Hannover

The company introduced its new range of applications including:

- Surface finishing with the Kleiberit HotCoating technology for indoor and outdoor use
- High gloss lamination using the flat lamination process with PUR hotmelt adhesives
- Micro emission (ME) PUR adhesives.
- The decorative surfaces line for finishing digitally printed roll-material in the HotCoating process was demonstrated. The exceptionally good bonding properties of PUR HC 717 to paper, print colours and lacquer systems facilitate its use as protective refinement or as the sealing basis for printing.
- On the Compact-Line high-quality transparent high-gloss films were bonded with a PUR hotmelt developed specifically for the process.
- The classic HotCoating line produced both high gloss and super matte finishes. This impressive technology was a highlight in surface finishing, as the flexible HotCoating functional layer does not crack, unlike that of classic lacquers.

The Kleiberit booth was a drawcard because of the company's emphasis on practical live demonstrations and interaction with their audience. Interesting and technically challenging application solutions for profile wrapping, edgebanding, flat lamination, and complete line processing were the primary focus.

Three finishing lines ran continuously so that visitors could experience surface finishing under real conditions.

The future is now

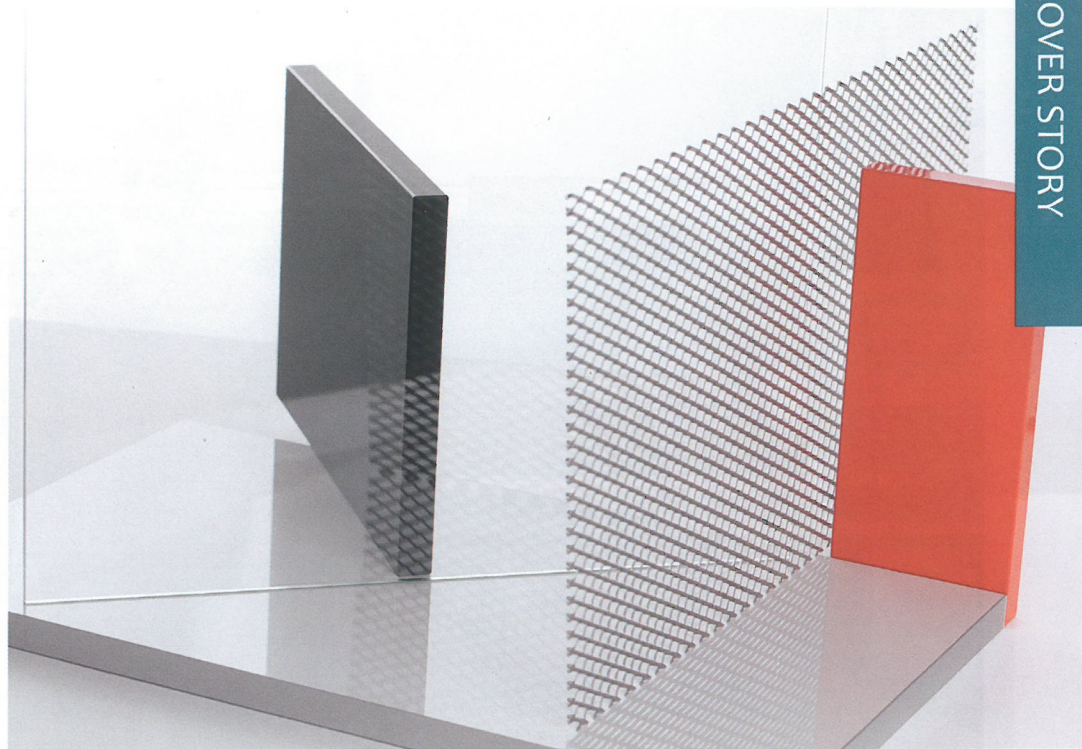
Under the banner "The future is now" ME hotmelt adhesives for various applications were demonstrated and were well

received by the thousands of visitors. The products feature high bonding properties, are safe and easy to handle, are environmentally friendly and require no labelling.

According to Bradly Larkin of Kleiberit, this is a proactive solution, particularly given the phased roll-out in Europe of the Registration, Evaluation and Authorisation of Chemicals (REACH) process.

The company is constantly researching and testing solutions for the challenges of hazardous and volatile emissions commonly associated with adhesives and coatings. Kleiberit's micro-emissions solutions were presented in theme-based displays, such as flat lamination, profile wrapping and edgebanding.

New adhesive formulations for flat lamination of different materials for interior finishing were also shown. This included adhesives for manufacturing of doors, finger-jointing of load-bearing components, and reliable production of luxury vinyl tile (LVT) designer flooring.



Kleiberit shared its knowledge by participating in the Ligna Forum with a presentation on the latest developments in surface finishing, and in the Ligna Training sessions for handicraft professionals and apprentices.

The company's products are distributed in South Africa by Austro and Hüster Machinetool Co. It's exciting times for the global adhesive brand and with its new investment plan set to commence in the second quarter of 2019, it's full speed ahead for Kleiberit. ■

Social responsibility is becoming a fundamental part of the production process and the demand for 'green' products from furniture manufacturers are beginning to demand 'green' products. Kleiberit has been instrumental in driving the market towards Isocyanate-free products with its new Micro Emissions range.

