

Furniture Production

MATERIALS & TECHNOLOGY FOR FURNITURE & JOINERY

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Gearing
Media
Group

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Kleiberit, a leading European manufacturer of adhesives for the furniture industry, has launched a new range of PU dispersion adhesives for bonding PVC foils to 3D MDF components in both membrane and membraneless presses.

New range of Kleiberit 3D pressing adhesives

Despite recent developments in the industry with the introduction of 3D films, deep pore embossing, soft unicolour foils and natural effect wood finishes, the demand for doors and other 3D furniture components pressed in high gloss PVC foils continues to increase at an unabated rate!

And with this fact in mind Kleiberit has launched its new range of adhesives. The chief benefit of the 430 series range of 3D press adhesives is that they enable foils to be pressed successfully at lower temperatures. This helps to ensure an excellent aesthetic appearance when pressing high gloss foils. What's more the adhesives are single component, do not need mixing, and have a good shelf life.

The new adhesives have been developed to fully reactivate at just 50°C – the lowest available in the market – making them ideal for air presses even when the component edges have a low (50°C) surface temperature.

It is important when pressing high gloss foils to reduce press temperature in order to obtain a good level of finish, but previously this caused bonding issues. The new low reactivation temperature 430 range has overcome this problem.

When used with membrane presses, an additional benefit is that the membrane life is extended since the press can be operated at lower temperature. This reduces maintenance costs.

In order to give good results whether hand-spraying or robotic-spraying, the range comes with a wide choice in viscosity. The most optimum smooth finish can be achieved by selecting the correct formulation.

The company confirms that the products have been certified to FIRA BS 6222 testing, for both matt and high gloss PVC foils pressed both on air and membrane presses. All pack sizes are available.

In the Kleiberit European Technical Centre, these processing technologies are available for viewing by interested parties, along with spraying demonstrations and full testing facilities. Product development and customer demonstrations can be conducted in the technical centre by mimicking full scale production.

Kleiberit stocks the new adhesives in its central UK warehouse in Coalville, near Leicester, and its experienced team of technical sales personnel is available to support and advise on best practice methods to achieve the highest quality level of finished panel.

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