

MAY 2017

# furniture

JOURNAL

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HotCoating® turns relatively mundane melamine coated panels into rather special high gloss or supermatt products.

# Hot News

**Pfleiderer has teamed up with Kleiberit and will start production of panels finished with the HotCoating® process by early 2018.**

If you are a regular reader of Furniture Journal, you'll have read about Kleiberit's revolutionary HotCoating® process in our Ligna review of 2013. You'll already know it's a process that turns relatively mundane melamine coated panels into rather special high gloss or supermatt products (from >90GU to <5GU) and, if required, gives not only a remarkable depth of gloss (or softness) at the touch of a button, but also a structured surface - all without the need for sanding or pre-treatment. You'll also be aware of its other properties: its micro-scratch resistance to steel wool type "0" and its shock resistance, not to mention the opportunity it provides for the creation of a seamless continuation of the surface over the edge of the substrate without any glueline or cracking, even on an edge with a tight radius. Cogniscent of the HotCoating® process will be aware that, unlike classic coating and lacquer technologies that reach their limits when it comes to the demand of deep

textures like pores, Kleiberit's HotCoating® ImpressTouch technology can be applied with a very high layer thickness in just one application step - and it can be embossed in an inline process, such as an embossing calendar, or a short cycle press without any risk that the pores will retract over time.

It's not hard to imagine the design flexibility such a system offers, or why major manufacturers might be investing heavily in the process, is it? And one in particular has really taken up HotCoating® in a big way.

Pfleiderer, a leading European manufacturer of wood-based décor panels, has seen the potential in Kleiberit's HotCoating® technology and has taken the decision to invest in a large-scale lacquering line at its site in Leutkirch, Germany. When commissioned, the line will set new standards in Europe.

Pfleiderer's Leutkirch site will play host to the largest HotCoating® line worldwide, with a length of 165m and a width of 2,400mm. Due



for commissioning in the first quarter of 2018, the new line will produce both high gloss and supermatt coatings on decorative chipboard and MDF panels. The new products will feature anti-fingerprint surfaces, a pleasant warm feel and provide Pfeleiderer products with excellent mechanical properties during downstream board processing.

The first big HotCoating® line, which was developed together with Barberan, was delivered more than eight years ago for producing high quality gloss. The technology is now well-proven. What is new, however, is the supermatt - and Pfeleiderer will be able to offer this as well as high gloss. The new line in Leutkirch underlines the high level of interest Kleiberit's technology is attracting from major international companies. To find more out about the HotCoating® process, or to discuss its applications and the cost-savings it can offer with machines that start at just seven metres in length, call Kleiberit on 01530 836699 or visit [www.kleiberit.com](http://www.kleiberit.com)



HotCoating® makes seamless continuation of the surface over the edge of the substrate possible without any glueline or cracking.