

Matt and high gloss with a functional plus

Dekora PUR: 'HotCoating' for ultimate surface quality



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MATT AND HIGH GLOSS WITH A FUNCTIONAL PLUS

It takes the right surface to make a piece of furniture special. But not only is the look-and-feel important, the functional properties and further processing options of the surface also play a key role. To this purpose, Dekora PUR trusts in KLEIBERIT's 'HotCoating' method in production.

Manufacturers of high-quality furniture products, interior fitters and designers alike attach great value to the aspect of the surface finish, which constitutes a major distinguishing and quality feature in terms of visual and functional characteristics. This is where Dekora PUR, based in Barsinghausen near Hanover, gains the leading edge: the company offers surface products with an added value, which convince with their processing, haptic, and visual properties.

Dekora PUR uses the 'HotCoating' technology to finish the surfaces of standard 3050 x 1220 mm board products in industrial serial production for the furniture industry and the handicrafts trade. As a rule, MDF boards are the basic carrier material; in some cases chip-board is also used. The flexibility of the production facility also makes small-series project-related production runs possible, including the option to use differing board thicknesses and sizes.

An appealing property of the high gloss products is the sheer glossy finish and incredible depth effect; an aspect that, particularly in combination with digital printing, meets with the enthusiastic approval of an increasing number of interior architects and designers.

Besides customer-specific solutions according to special colour precision or quality requirement profiles, the company also offers its own collection. The range currently comprises 18 different decors –

State-of-the-art facilities and painstaking quality control are behind Dekora PUR's ability to deliver quality that satisfies even the most discerning customer.



Whether high gloss or matt, Dekora PUR offers both in ultimate perfection – not least thanks to KLEIBERIT's 'HotCoating' technology. Not only does this result in a sophisticated look, but further processing is also simple. As the microscopic comparison shows (second from left), drilling holes, for example, will not result in stress whitening or similar effects that occur using conventional methods.



Any minor surface damage (dents, etc.) can be effectively repaired with the Dekora PUR Polish Kit.

the sensitive joints between surface and edging, where it is essential to achieve a sophisticated look as well as safe edges.

But that's not all: Dekora PUR now offers a Polish Kit that can be used for the spot repair of any small surface dents, caused by hard mechanical impact, in the designated piece of furniture.

Dekora PUR has established an efficient process to ensure short delivery times to the customer: the finishing line is roughly 120 metres long and resourcefully arranged in a compact U-shape. A sophisticated cleanroom and air filtration system ensures the highest possible absence of particles in the sensitive production segments. Each board runs through the production line within the space of a few minutes. It then undergoes a final quality inspection, before being covered with a protective film and automatically stacked – ready for shipment to the customer.

14 in plain colours and four wooden decors – either in high gloss quality with more than 90 gloss units, or as super matt finishes with a gloss index lower than five GU.

There is currently a strong rise in demand for the super matt solutions with their impressive haptic and anti-fingerprint properties, especially from customers in the kitchen furniture industry.

A major plus factor for Dekora PUR is the integrated super matt features of the 'high gloss' production unit that enables switching from one surface version to the other at the simple press of a button whilst guaranteeing absolutely identical colours. Besides their outstanding look-and-feel, the boards are lightfast and highly resistant to scratches, impact, chemicals, moisture, cold, and varying climatic conditions – all key arguments for the kitchen sector.

Surfaces coated using the 'HotCoating' technology also have a number of advantages when it comes to further mechanical processing. As the microscopic images show, drilling, sawing, or milling cause none of the stress whitening or jagged edges that commonly occur with conventionally finished surfaces. This is especially important at

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