

CombiCoat Premium

CombiCoat Premium is a high-quality coating plate for solid and spot coatings on sheetfed offset presses. With its specially formulated polymer face compound, it is equally predestined for the processing of dispersion and UV coatings. The micro-buffed surface also ensures a particularly even coating application.

Constant coating film weights and better control of the plate thickness are just two benefits of the extremely high mechanical strength of the CombiCoat Premium plate. It is suitable for both manual stripping and the use of a CAD/CAM plotter. Effortless separation of the surface layer from the carrier provides for convenient stripping, and the environmentally safe polymer of the stripped surface can be passed for disposal without concerns over special waste regulations.

The plate is available in various thicknesses and widths, and is thus suitable for use on practically every press on the market.

Features

- Exceptionally good transfer of dispersion or UV coatings
- Extremely high dimensional stability
- Can be reused several times
- Increased smash resistance thanks to cotton fabric insert
- Longer runs between washes
- Can be stripped manually or by plotter
- Superior detail reproduction
- Higher gloss levels and coating weight
- No swell with UV coatings

Technical data

Tensile strength	> 2000 N/50 mm
Plate thickness	1.15 mm
Elongation (longitudinal/transverse)	0.80% (10 N/mm load)
Hardness	72 Shore
Micro-hardness	65 Shore
Surface roughness	1.0–1.1 µm Ra
Stencil depth	0.80 mm
Swelling	
in a typical blanket wash	< 1%
in a typical blanket rejuvenator	5–6%

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