

Böttcher Pro-protect Sealer

Protective Varnish

Oil varnish for coating of printed paper sheets for faster further processing, particularly with matt coated paper, giving excellent rub resistant protection. Necessary in all presses without varnishing unit. Can substitute water based varnishes in many applications.

The oil varnish should be applied on the printed sheet via the last inking unit of a commercial sheet-fed press, either wet on wet (w-o-w) or in a second pass wet on dry. Spot coating can be done both with partial stripped blanket resp. varnish plate or offset plate with dampening solution (plate will not be attacked).

- Water white invisible inline-protection, resulting in much reduced ink odor
 - Oxidative drying, smudge resistant in 30 seconds, reduced stickiness
 - Sealing of fresh ink, no re-split of the ink w-o-w through the blanket
 - Low gloss like matt coated paper, depending on application rate
 - Further processing possible without smearing or marking of the fresh ink
 - Good properties for grooving, folding, moulding because of thin and elastic coating
 - Reduced powder setting, less powder built up at perfecting jobs
 - Remaining haptic of matt coated paper (soft touch effect)
 - Increased soft touch effect by partial varnishing with printing plate
 - No curling tendency with thin paper (problem with water based coatings)
 - No alteration of dimension of paper, no dryer necessary
 - No special requirements to the ink, lightfast, extremely low tendency to yellowing
 - Consumption approx. 0.3 – 1 g/m² (20 to 30 % less than conventional sealers)
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- 2.5 kg tin → Cardboard box with 8 tins

Application

Properties

Packaging

Fast drying. A slight skin in the tin should be removed first. After use, **BöttcherPro Antiskin Spray** is recommended before putting the lid. Store away from frost and heat > 35 °C (such as sunlight, heater). **Attention!** Not suitable for UV varnishing, for plastic or metal surfaces, for food packaging printing, for hot-foil embossing and individualized laser prints. Not resistant against acids or alkaline solutions. Glue areas should be left blank.

We recommend our conventional Böttcherin washes for cleaning the rollers. In case of dried-on varnish, use **BöttcherPro AR** for deep cleaning.

Hints

Böttcher Pro-tect Sealer is classified and marked according to Regulation (EC) No 1272/2008 (CLP Regulation). Böttcher Pro-tect Sealer is not a dangerous good in the sense of national and international transport regulations.

Marking

All our product information you will find in the internet on www.boettcher-systems.com

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The purpose of these technical data is to assist our customers. We list general experience and laboratory test. Translation of these to actual applications is, however, subject to a variety of factors which are beyond our control. We ask for understanding that claims can not be based upon them.