



Systems ►► Printing



# Böttcher PRO-TECT Sealer

Oil varnish for coating of printed paper sheets for faster further processing.  
Necessary in all presses without varnishing unit.  
Can substitute water based varnishes in many applications.

## *Application*

- Will be used in the last inking unit
- Wet in wet or in a second pass wet on dry
- Spot coating with
  1. Partial stripped blanket or varnish plate
  2. Offset plate with dampening solution (plate will not be attacked)
- For avoiding drying problems with matt coated paper
- Sealing of fresh ink
- Further processing (printing on the back side, cutting, creasing and folding, binding) is possible without smearing of the fresh ink
- Good stack ability, reduced stickiness
- Powder setting can be reduced, less powder built up at perfecting jobs
- Cleaning of the rollers with conventional roller wash
- Deep cleaning of the rollers when Sealer has dried with BöttcherPro AR

## **Properties**

- Leaves an invisible protecting layer on the printed sheet
- Processing like conventional offset ink, Sealer dries by absorption through the paper and oxidative drying
- Fast initial drying, smudge resistant in 30 seconds
- Supports quick completion of the printing job without long waiting time for drying
- Inline protection of the print, low gloss like matt coated paper
- Higher gloss with increased application rate
- Haptic of matt coated paper remains the same (soft touch effect)
- The soft touch effect can be increased by partial varnishing
- Remarkably shorter lead time
- Faster perfecting or faster second machine run and reduced waiting time
- Perfect stacking reduced set-off smearing
- No curling with this paper, no curling of the paper due to moisture (problem with water based coatings)
- Paper remains dimensionally stable, no dryer necessary (important for thin paper)
- No re-split of the ink W-i-W (wet in wet) through the blanket
- **Lightfast, low tendency to yellowing**
- **Economical consumption, 20-30% saving compared with conventional sealers**
- **Thin and elastic coating, good folding properties**
- **No special requirements to the ink**

## **Attention**

- **Not suitable for UV varnishing**
- **Not suitable for plastic or metal surfaces**
- **Not resistant for acids or alkaline solutions**
- **Not suitable for food packaging printing**
- **Not for hot-foil embossing and individualized laser prints**





System



### Glue areas should be left blank

Consumption approx  $\times 0,3 - 1 \text{ g/m}^2$

BöttcherProtect sealer is a fast drying system. A slight skin on top should be before using removed. Before closing the can some anti-skin spray should be used.

When storing away from direct sunlight, protect from frost and heat.

All our product information sheets, as well as our contact data you will find on the internet [www.boettcher-systems.com](http://www.boettcher-systems.com).

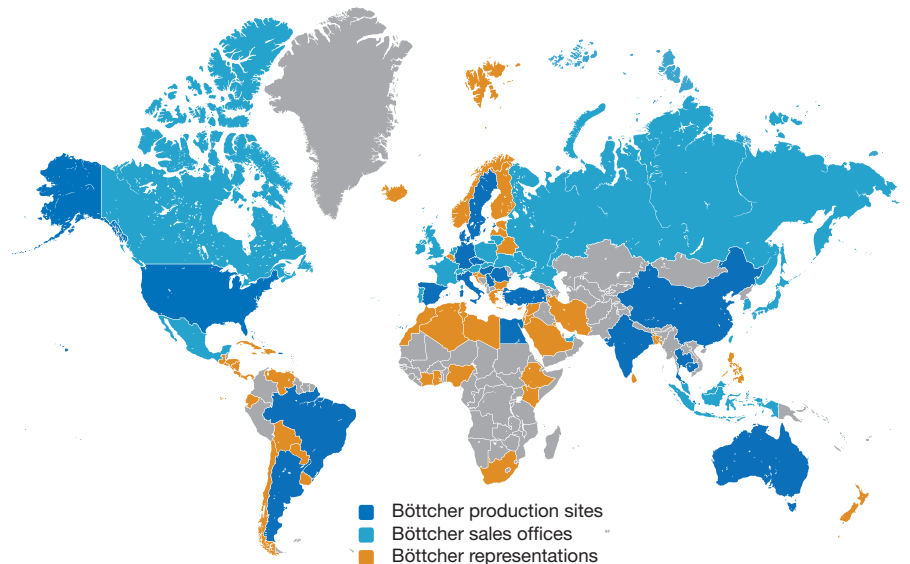
### Felix Böttcher GmbH & Co. KG

#### Headquarter

Stolberger Str. 351 - 353  
50933 Cologne, Germany  
Phone +49 (0) 221 4907 - 1  
Fax +49 (0) 221 4907 - 435  
[koeln@boettcher-systems.com](mailto:koeln@boettcher-systems.com)



[www.boettcher.de/contact](http://www.boettcher.de/contact)



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