

BöttcherTop Zero WB

Strippable coating plate for spot coating with water-based coating
Zero ink back-trapping combined with all the benefits of rubber coating plates

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|--------------------|-----------------------|
| → Presses | In-line coating units |
| → Packing height | Bearer height |
| → Substrates | Carton and paper |
| → Coatings | Water-based |
| → Wash-up solvents | Water, conventional |

Application

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| → Original and very unique newly developed hydrophilic surface rubber compound | <ul style="list-style-type: none">  Zero ink back-trapping in coating areas, guaranteed  Less wash-ups required, prompt and easy cleaning  High and homogeneous coating transfer  Excellent visibility of cut lines |
| → Soft rubber surface | <ul style="list-style-type: none">  Compensates for anilox roller bounce  Handles uneven substrates and thickness variations in substrates with ease |
| → Micro-ground and polished printing surface, smooth surface finish | <ul style="list-style-type: none">  Tight gauge tolerances (+/-0.02mm)  Homogeneous coating transfer |
| → Deep stencil profile 1.15mm: 0.80mm 1.35mm: 1.00mm | <ul style="list-style-type: none">  Trouble-free coating of any job  Reduced coating built-up in non coating areas  Less wastage (dirty sheets) |
| → Fabric-free stripping layer | <ul style="list-style-type: none">  Easy to cut on any plotter, allows cutting of very intricate designs  Little risk of lifting unwanted areas at stripping, especially in corners  No threads/fibres left after stripping |
| → Stripping layer technology using no adhesive | <ul style="list-style-type: none">  No stencil delamination caused by coatings and/or cleaning fluids  Controlled and consistent peel strength ensures prompt and easy stripping |
| → High stability polyester carrier (0.35mm) | <ul style="list-style-type: none">  No mis-registration at make-ready and during production  Can be reused for many subsequent repeat jobs |

Properties / Benefits

Construction

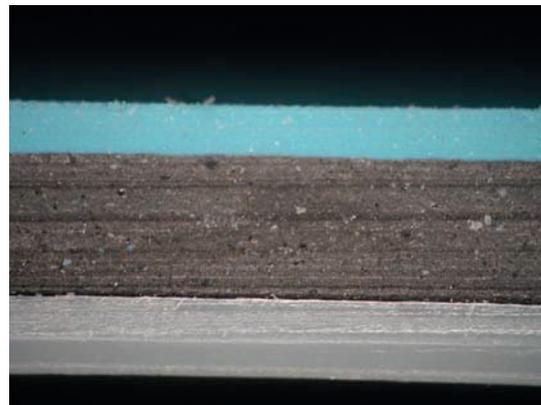
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|-----------------|---|
| Stripping layer | Zero WB/1.15 : 0.8mm Zero WB/1.35: 1.0mm |
| Carrier | Polyester (0.35mm) |

Surface

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| Colour: | Light Blue |
| Surface finish: | ground and polished |
| Roughness (Ra): | 0.4-0.7µm |
| Surface micro-hardness: | 61° Shore A |

Physical properties

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| Overall hardness: | 71° Shore A |
| Tensile strength: | >2000N/50mm |
| Elongation at 500N/50 mm: | <0.8% |
| Gauge loss at tensioning / running in: | < 2 % |



Gauge

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| Nominal gauge: | |
| Nominal gauge Zero WB/1.15 | 1.15mm (+/-0.02mm) |
| Nominal gauge Zero WB/1.35 | 1.35mm (+/-0.02mm) |

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| Gauge uniformity per blanket of max. 1 m ² : | +/-0.015mm |
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