KSL staubtechnik gmbh

technische Stäube
fraktionen
beständungspuder

89415 Lauingen
Westendstraße 11
Germany

Recommendation

	multi pass	single pass	subsequent operation (e.g. varnishing, laminating	inline print converting (e.g. UV varnish)	inline print converting (waterbased varnish)	Powder sprayer		Infra-Red Dryer
						air sprayer	electrostatic spray unit	
K4		✓	✓	✓		✓		✓
K4plus		✓		✓		✓		✓
S5	✓	✓	✓	✓		✓	✓	✓
S5WL		✓		✓	✓	✓		✓
L3	✓					✓		

K4 Because of its high specific gravity it can be applied at smallest formation of dust, it is very reliable and economical. A further advantage is the insensitivity to static charges. An overdose *may* result in streaking – on colour areas – and *may* lead to increased abrasion in the downstream converting.

K4plus Because of an additional treatment, the "scratching property" K4 is blamed for, was taken; nevertheless the properties of an inorganic mineral spray powder remain unchanged.

S5 Starch powder is low of wearing and does normally not cause problems in downstream converting. S5 has a very narrow particle size distribution for an economical application.

S5WL Improved gliding characteristic of the freshly printed/varnished sheets in the delivery; therefore optimised piles even at high printing speed. Rapid converting because of improved gliding effect of the sheets. Very small scratching characteristic.

L3 From the aspects of printing it is a very good product for more consecutive printing runs as the powder starts to dissolve by the remaining moisture on the rubber-blanket; the build-up on the rubber blanket can be reduced. The spraying units should be serviced in shorter interval's. Not suitable for printing with dispersion varnishes!

Please see our product leaflets for more detailed information.

The above information is just a recommendation to help you to choose the most suitable anti set-off spray powder. Of course it is important to take into consideration the kind of printing job, height of the stack, kind of paper a.s.o. as well.