

S5

Anti set-off spray-powder

S5WL

NATIVE STARCH

SURFACE TREATED STARCH

Anti-set-off powders of the **S5 and the S5WL** series are organic, vegetable-based products made of native starch. The single particles have a round and soft shape. The regular particle size distribution and the texture of the powder particles support easy and reliable handling. Anti-set-off powders of the **S5/S5WL** series are insensitive against normal humidity. They are stable in storage and neither soluble in water nor in alcohol.

In a special process, the proportion of particles smaller 10 µm is significantly reduced. Anti-set-off powders of the **S5/S5WL** series are controlled continuously and fulfil the requirements of the BG ETEM industry agreement for low-dust anti-set-off powders – exception S5/15 and S5WL/15.

All our starch powders of the **S5/S5WL** series from 16 to 45 have a minimised amount of fine dust, which makes their application ecological and economical. This ensures a low level of dust in and around the printing press.

The narrow and steady particle size distribution enables a uniform powder distribution on the sheet.

Anti-set-off powders of the **S5 and S5WL** series work well with all powder application systems (also electrostatic application devices).

By a special surface treatment, the powders of the **S5WL** series get their hydrophobic (water-repellent) property. That's why **S5WL** is particularly suitable for the finishing of prints with waterbased varnish, whether IN- or Off-Line.

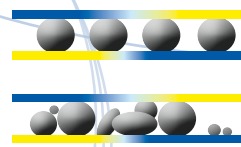
S5WL is the reliable anti-set-off powder when it comes to water-based coating! Another advantage is its very low abrasion behaviour in print converting!

S5 and S5WL are available in the following units: 1 kg bag, 2 kg can, 15 kg bucket



Graphical representation

The principle of spacing



sorted quality product

unsorted accumulation of particles

Recommendation

	Art print (glossy coated)	mat-coated and unbleached papers, closed surface substrate	rough and embossed paper, graphic cartons/ cardboards	one-sided coated cartons, cartonboard	for special cases	
15	up to 150g					15
16	up to 150g					16
20	up to 200g	up to 200g				20
22	up to 250g	up to 250g	up to 250g			22
28					✓	28
30		up to 300g	up to 350g	up to 400g		30
45			over 350g	over 400g		45

The product and print technical recommendations shall give assistance in selecting the correct powder. There is no guaranteed security possible because of the variety of products on the market (such as paper, inks, varnishes, printing aids) as well as differences in the operation. An optimal function of the powdering unit is presupposing!

Free recommendation and test samples directly from the manufacturer: info@ksl-staubtechnik.de · www.ksl-staubtechnik.de