



Technical Data Sheet

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Varn[®] Anti Set-Off Powder

Starch based anti set-off spray powder

Speciality product for all Sheetfed and Small Offset presses

Product Features

- Varn[®] Anti Set-Off Powders are available in two series; Regular (uncoated) powders and Coated powders, each series comprising of Fine, Medium and Coarse grades.
- The Coated series of powders are micro-encapsulated with a slip agent which enhances the powder, increasing its hydrophobic properties. They repel water and are attracted to the ink's surface, giving better 'set-off' protection and increased mileage.
- Varn[®] Coated powders are quite different in their working properties from the conventional or regular powders, but both types perform well in all spray units, and because they resist humidity, they will not clog spray nozzles.
- Varn[®] Regular Anti Set-Off Powder is recommended for overprinting, coating and laminating.
- Varn[®] Anti Set-Off Powders offer excellent health and safety benefits - being starch based, they are easily ingested in the body. Varn[®] Anti Set-Off Powders are certified GMO free as defined in European Directive 90/220/EEC, and are manufactured in a GMO free production plant ensuring no cross contamination can occur.

Advantages

- Prevents ink set off and smearing.
- Even particle size manufacture without dust or irregularation.
- Low dust – BG approved (Varn[®] CC20 and CC30).
- ISEGA certified (Varn[®] CC20 and CC30).
- Made from non GMO starches.
- Good flow characteristics.
- Economical to use.
- Will not clog air guns.
- Suitable for direct food contact.



Varn® Anti Set-Off Powder

Name	Product Code	Name	Product Code	Micron Range	Recommended Stock Weight	Features
Regular Series		Coated Series				
Fine	KP10-ORFG	Fine	KP10-OSFG	10 - 20	<200 g/m ²	Free-flowing powder that leaves a satin smooth finish. Good for smooth finishes on light to medium stocks. An excellent powder for all-round lithographic use.
Medium	KP10-ORMG	Medium	KP10-OSMG	20 - 30	200 - 400 g/m ²	Primarily designed for use within the folding carton and corrugated industry, and for other heavy applications. Permits high skid loads with minimum dusting.
Coarse	KP10-ORCG	Coarse	KP10-OSCG	40 - 50	>400 g/m ²	Extra large particle size powder designed for use with in the folding carton and corrugated industry. Permits high skid loads with minimum dusting.
		CC20	KP10-OC2G	20	<200 g/m ²	Coated powders that have been through additional manufacturing processes to eliminate 'fines' and provide consistent uniform particle sizes. The low dust quality of these powders delivers a cleaner working environment and ensures minimum powder consumption.
		CC30	KP10-OC3G	25 - 30	200 - 400 g/m ²	

Available pack sizes

2.5kg (01QN), 25kg (01QE) and 600kg (01QF).

Application

Use as instructed by spray unit manufacturer.

Always use the minimum quantity of powder required to prevent set-off.

Varn® Anti Set-Off Powder should be stored at room temperature in dry conditions; packs should be resealed after use to prevent the powder becoming damp or contaminated.

Approvals

Varn® CC20 and CC30 comply with the requirements for low-dust print spray powders and has been included in the 'List of Recommended Low-Dust Spray Powders' of the BG ETEM Branchenverwaltung Druck und Papierverarbeitung.

All Varn® Anti Set-Off Powders are ISEGA certified for safe use in the printing process of food packaging materials.

More products. Streamlined access. Greater results.

We offer a uniquely powerful combination of products, services and expertise; giving you access to the industry's broadest range of pressroom products.

Pressroom Chemicals. Blankets. Sleeves. Consumables.



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