



anti set-off spray powder

**... for decades
a well-tried
and popular
product**

... is an organic product made out of native starch.

... **is not soluble.**

Native starch, as used in dry spraying, is definitely not soluble in ethanol and cold water. It only forms a colloidal solution in boiling water, which sets as a jelly when it cools down (the well known starch paste).

... is sphaero-crystalline, has rounded edges, is spherical shaped and soft-grained.

health offers for decades as a natural product the best basis to the aspects of health; is proved by the German authorities BG-BIA! (German Printing Trades Association)

storage is not sensitive to normal humidity in the air, but dry storage is recommended. Protect it from water and keep it dry in stock.

dry spraying is suitable for all dry spraying equipments.

... flows extraordinarily well and sprays well.

... forms no lumps.

... does not block the spraying devices.

electrostatic is suitable for electrostatic sprayer.

print converting is, when used carefully, suitable for subsequent varnishing and laminating, it is soft and goes on smoothly and is pleasant to touch, forms no blisters or spots and creates a good surface.

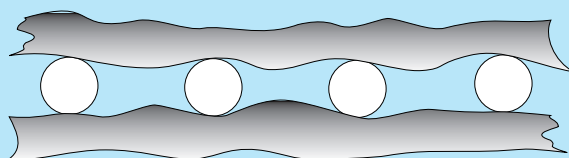
For water-based varnishing the special type S5-WL should be used!

wear does not damage the printing plates.

cleaning minimum cleaning is required, thanks to few deposits, prevents contamination of the press.

grain size is available in 4 grades.

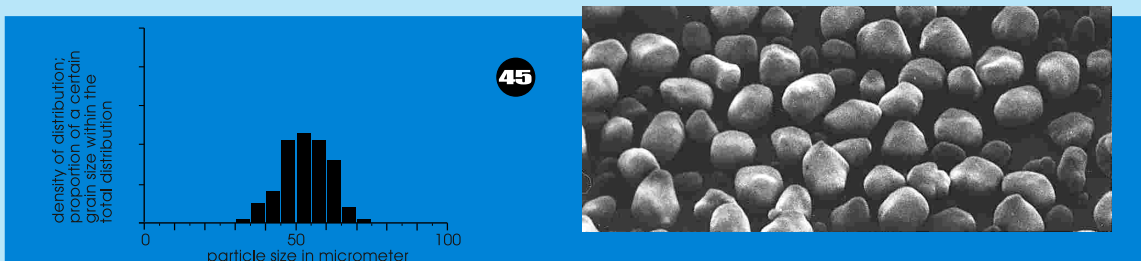
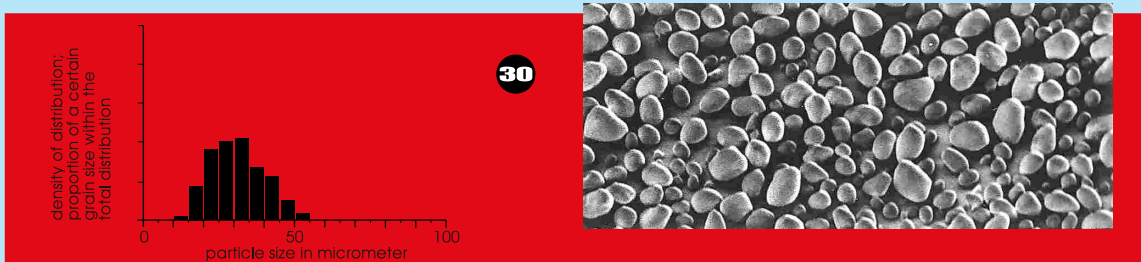
The grain sizes 15, 20, 30 and 45 are extremely precise and contain no inactive fine particles. The uniformity of all the grain sizes is unequalled. For each paper grammage and reverse side structure there is a suitable grade available.



Only the equal grains guarantee a regular distance between the sheets at a minimum of powder consumption and smallest formation of dust.



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photographs by scanning electron microscope
100 - fold enlarged
1 mm corresponds to 10 μ m
comparative scale
+++++



.... no experiments !

**the right grain fraction
for any
paper grammage
and any
paper reverse side**

super calandered and blade coated papers and boards	up to 120 g	120 - 170 g	170 - 200 g		
art paper and highly polished papers and boards	up to 150 g	150 - 250 g	250 - 400 g	above 400 g	
glazed boards e.g. Ivory boards and Bristolboards		150 - 200 g	200 - 300 g	300 - 600 g	
rough surface boards			150 - 250 g	250 - 600 g	
for special cases, where a particularly large particle-size is necessary					
15 20 30 45					

Please note on principle !

The above table is just a recommendation to help you to choose the right grade of our anti set-off spray powder.
When printing on one-sided coated paper or board the structure of the reverse side sets the standard concerning the choice of the right grain fraction. Further considerations should include the height of the stack and the quantity of colour application. Beyond that, we recommend to use the next coarser type if the powder quantity can be reduced by doing so.



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