

# Novaset® 4520/50 IN PRIMER GLOSS

High quality, water-based primer for UV-inline-varnishing

## Water-based coating for sheetfed offset

### Product features

- Novaset® 4520/50 IN PRIMER GLOSS is a low-odour inline-primer which is used for full-surface UV-inline-varnishing via double coating units. It has been developed for non-food packaging and commercial printing and offers a good printability. In combination with a suitable UV varnish Novaset® 4520/50 IN PRIMER GLOSS allows highest gloss results and very low draw-back effect at the same time.
- Novaset® 4520/50 IN PRIMER GLOSS is suitable for both paper and board.
- Novaset® 4520/50 IN PRIMER GLOSS is suitable for single-sided coating only. In combination with a UV varnish also double-sided coating is possible.
- Novaset® 4520/50 IN PRIMER GLOSS is when used as intended and appropriately processed also suitable to be applied to the outer surface of food packaging. Mineral oil is not used as a constitutional compound of the coating.

### Advantages of Novaset® 4520/50 IN PRIMER GLOSS

- Low-odour.
- Complies with the requirements for water-based coatings for food packaging.
- Leads in combination with a UV varnish to maximum gloss results.
- Very low draw-back effect.
- In combination with UV varnish suitable also for double-sided coating.

# Novaset® 4520/50 IN PRIMER GLOSS

Printing properties										
Drying	Gloss effect	Rub protection	Anti-Sealing	Suitability for double-sided application	Hot foil stamping	Barrier properties	Blister ability	Wet blocking resistance	Slip	Glueability
Novaset® 4520/50 IN PRIMER GLOSS	2	7	-	-	-	-	-	-	-	-
1 = Characteristic weakly expressed 7 = Characteristic strongly expressed										
<i>The assessment of the product properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very heavy coverage of coating, the classification of certain properties may be different.</i>										

<b>Product code</b>	VP30-031D-#### Final 4 digits relate to pack size.
<b>Pack sizes</b>	125 kg (01MA), 220 kg (01NF), 1000 kg (01U0)
<b>Substrates</b>	Suitable for coated paper and boards.
<b>Application</b>	Sheetfed double coating units
<b>Film weight</b>	5 – 10 g/m <sup>2</sup> wet application
<b>Drying</b>	Physical, forced with hot air-dryer and IR-dryer
<b>Viscosity</b>	50 s / 4 mm DIN cup / 20°C
<b>Cleaning</b>	Please clean up machine and equipment immediately with water.
<b>Remarks</b>	Stir well before use! Only use coatable printing inks! Resistance against alcohol and alkali required.
<b>Storage</b>	Protect against frost, heat and direct sunlight. Storage in original packaging at 5° to 30° Celsius.

You are welcome to contact us for further information.

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## Besondere Hinweise

In order to preserve low-odour properties, no additives such as retarders, defoamers or others may be added to the coating. An exemption to this rule is the addition of water to adjust the viscosity. A film weight of 5 – 10 g/m<sup>2</sup> wet application is recommended. A separate check is mandatory.

The coating shall under no circumstances be mixed or contaminated with washing water or other coatings. The coating unit must be clean. The complete system substrate-ink-coating must have reached a sufficient solidification before starting the further processing.

## Further information

For further information please refer to our Technical Reviews “Processing Guideline Novaset Coatings” and “Resistance requirements for surface finishing”.

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