

Novaset® 4401/40 neutral coating

High quality low-migration neutral coating for commercial and food packaging printing

Water-based coating for sheetfed offset

Product features

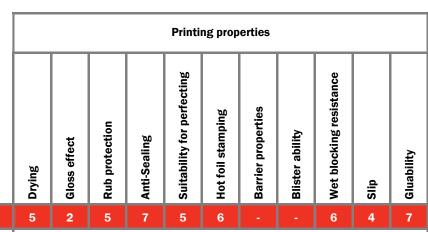
- Novaset® 4401/40 is a particularly low-odour and low-migration water-based coating which has been
 developed specially for non-food packaging and commercial printing. It is also suitable for the coating of innerand outside of food and semi-luxury food packaging applications and offers fast drying and good rub
 protection.
- Further advantages of Novaset® 4401/40 are very good anti-sealing and stacking properties. Due to the low gloss, the coating provides a neutral visual appearance.
- Depending on the used substrate Novaset® 4401/40 is also suitable for double-sided coating, we recommend carrying out your own tests before starting a print run.
- Novaset® 4401/40 is particularly suited for the production of packaging that complies with the requirements
 of the EU-regulation 1935/2004 and 2023/2006 as well as with the Swiss Ordinance 817.023.21. Mineral oil
 is not used as an intentional formulation component of this coating.

Advantages of Novaset® 4401/40

- Particularly low-migration and low-odour.
- Suitable for direct contact with solid and fatty food.
- Complies with the requirements for water-based coatings for food packaging.
- Good rub protection.
- Suitable for double-sided coating.
- Low gloss neutral visual appearance.
- Very good anti-sealing properties.
- Very economical.



Novaset® 4401/40 neutral coating



Novaset® 4401/40 neutral coating

1 = Characteristic weakly expressed 7 = Characteristic strongly expressed

The assessment of the product properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very thick layers of coating, the classification of certain properties may be different.

Product code VP26-01DD-#### - small pack sizes (25 kg, 125 kg)

VP30-01DD-#### - large pack sizes (220 kg, 1000 kg)

Final 4 digits relate to pack size.

Pack sizes 25 kg (10J1), 125 kg (10MA), 220 kg (01NF), 1000 kg (01U0)

Solids 31-35%

Substrates Very well suited for coated paper and board.

Application Sheetfed coating units

Film weight 3 – 6 g/m² wet application

Drying Physical, forced with hot air-dryer and IR-dryer

Viscosity 40 s / 4 mm DIN cub / 20°C

Cleaning Please clean up machine and equipment immediately with water.

Remarks Stir well before use!

Only use coatable printing inks!

Resistance against alcohol and alkali required.

Storage 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.

Flint Group Packaging & Narrow Web Sieglestrasse 25 70469 Stuttgart, Germany T +49 711 98 16-0 F +49 711 98 16-700 printmedia.eu@flintgrp.com www.flintgrp.com The aim of our technical documents is to inform our customers about general values. However, the transferability of general values known from experience and laboratory results to concrete practical applications depends on a number of factors which are beyond our control. We therefore ask for your understanding that this advice document cannot be used as the basis for claims in law. Furthermore, the correct application for each product has to be checked carefully for suitability.

Product names followed by ® are trademarks registered by Flint Group Germany GmbH or another Flint Group company.

Version: 24/04/2013 Page 2 of 3

Novaset® 4401/40 neutral coating

Special notes

In order to preserve low-odour and low-migration 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. It must be generally noted, that for the production of food packagings only materials suitable for this area of application are used.

In cases where a non-low-migration water-based coating has been used before printing with Novaset® 4401/40, the printing press should be thoroughly cleaned taking care to remove all coating residues. For this purpose, if necessary, only washes suitable for low-migration printing should be used, taking into account the manufacturers recommendations for use. Following the wash cycle, thorough rinsing with clean water is essential.

Certificate

Novaset® 4401/40 is ISEGA-certificated (direct contact with solid and fatty food). We will gladly provide you with a copy of the certificate upon request.

Further information

For further information please refer to our Technical Reviews "Resistance requirements for surface finishing", "Good manufacturing practice food packages" and the EuPIA guideline "printing inks for food packagings".

More products. Streamlined access. Greater results.

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

Inks & Coatings. Pressroom Chemicals. Blankets. Sleeves. Consumables.

Rely on us for consistency, reliability and customer focus. Our aim is to make it easier for you to achieve your business goals. With Flint Group products in your pressroom, you can run your business with confidence and peace of mind.

You are welcome to contact us for further information.

Flint Group T +49 711 98 16-0
Packaging & Narrow Web F +49 711 98 16-700
Sieglestrasse 25 printmedia.eu@flintgrp.com
70469 Stuttgart, Germany www.flintgrp.com

The aim of our technical documents is to inform our customers about general values. However, the transferability of general values known from experience and laboratory results to concrete practical applications depends on a number of factors which are beyond our control. We therefore ask for your understanding that this advice document cannot be used as the basis for claims in law. Furthermore, the correct application for each product has to be checked carefully for suitability.

Product names followed by ® are trademarks registered by Flint Group Germany GmbH or another Flint Group company.

Version: 24/04/2013 Page 3 of 3