

Novaset® 4216/40 PREMIUM GLOSS

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

Water-based coating for sheetfed offset

Product features

- Novaset® 4216/40 PREMIUM GLOSS is an extremely 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 the outside of food and semi-luxury food packaging applications and offers very fast drying and superior rub protection.
- Further advantages of Novaset® 4216/40 PREMIUM GLOSS are superior anti-sealing and stacking properties as well as good gloss.
- Depending on the used substrate Novaset® 4216/40 PREMIUM GLOSS is also suitable for double-sided coating, we recommend carrying out your own tests before starting a print run.
- Novaset® 4216/40 PREMIUM GLOSS 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® 4216/40 PREMIUM GLOSS

- Extremely low-migration and low-odour.
- Suitable for indirect contact with solid and fatty food.
- Complies with the requirements for water-based coatings for food packaging.
- Suitable for non-absorbent substrates.
- High wet blocking resistance
- Very good resistance against low and high temperatures.
- Superior rub protection.
- Very good anti-sealing properties.
- Universal applicability.

Novaset® 4216/40 PREMIUM GLOSS

| | Printing properties | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|----------------|--------------|----------------------------|-------------------|--------------------|-----------------|-------------------------|------|-------------|
| | Drying | Gloss effect | Rub protection | Anti-Sealing | Suitability for perfecting | Hot foil stamping | Barrier properties | Blister ability | Wet blocking resistance | Slip | Glueability |
| Novaset® 4216/40 PREMIUM GLOSS | 7 | 4 | 7 | 7 | 7 | 7 | 3 | - | 7 | 4 | 7 |
| 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 | VP30-020D-#### Final 4 digits relate to pack size. |
| Pack sizes | 25 kg (01J1), 125 kg (01MA), 220 kg (01NF), 1000 kg (01U0) |
| Substrates | Very well suited for coated paper and board as well as non-absorbent substrates. |
| Application | Sheetfed coating units |
| Film weight | 3 – 6 g/m ² wet application |
| Drying | Physical, forced with hot air-dryer and IR-dryer |
| Viscosity | 40 s / 4 mm DIN cup / 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
Commercial, Publication & Sheetfed Inks
Sieglestrasse 25
70469 Stuttgart, Germany

T +49 711 98 16-0
F +49 711 98 16-700
sheetfed@flintgrp.com
www.flintgrp.com

The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Flint Group's knowledge. No liability for any errors, facts or opinions is accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.

Product names followed by ® are trademarks registered by Flint Group (represented by Flint Group US LLC or Flint Group Germany GmbH).

Novaset® 4216/40 PREMIUM GLOSS

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® 4216/40 PREMIUM GLOSS, 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® 4216/40 PREMIUM GLOSS is ISEGA-certificated.
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 packaging”.

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
Commercial, Publication & Sheetfed Inks
Sieglestrasse 25
70469 Stuttgart, Germany

T +49 711 98 16-0
F +49 711 98 16-700
sheetfed@flintgrp.com
www.flintgrp.com

The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Flint Group's knowledge. No liability for any errors, facts or opinions is accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.

Product names followed by ® are trademarks registered by Flint Group (represented by Flint Group US LLC or Flint Group Germany GmbH).