Novaset® 4300/40 GLOSS
High quality low-migration gloss coating for commercial and food packaging printing

Water-based coating for sheetfed offset

Product features

- Novaset® 4300/40 GLOSS 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 the outside of food and semi-luxury food packaging applications and offers good drying and very good rub protection.
- Further advantages of Novaset® 4300/40 GLOSS are good anti-sealing and stacking properties as well as high gloss.
- Novaset® 4300/40 GLOSS is suitable for one-sided coating.
- Novaset® 4300/40 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® 4300/40 GLOSS

- Particularly low-migration and low-odour.
- Suitable for indirect contact with dry, wet and certain fatty food (ref. ISEGA certificate).
- Complies with the requirements for water-based coatings for food packaging.
- Very good rub protection.
- Suitable for one-sided coating.
- High gloss.
- Good anti-sealing properties.
- Universal applicability.
Novaset® 4300/40 GLOSS

Product code

VP26-001D.#### – (25 kg)
VP30-001D.#### – (125 kg, 220 kg, 1000 kg)

Final 4 digits relate to pack size.

Pack sizes

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

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 cup / 20°C

Cleaning

Please clean up machine and equipment immediately with water.

Remarks

Stir well before use!
Only use coatable printing inks!
Resistence against alcohol and alkali required.

Storage

Protect against frost, heat and direct sunlight.
Storage in original packaging at 5° to 30°C Celsius.

You are welcome to contact us for further information.

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.

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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® 4300/40 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® 4300/40 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”.

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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.