

Novaset® 4600/50 BLISTER

High quality low-migration blister coating for the manufacture of blister cards

Water-based coating for sheetfed offset

Product features

- Novaset® 4600/50 BLISTER is a particularly low-odour and low-migration blister coating for heat-sealing of board, PVC-, polystyrene-, PET-A- and PET-G- blister foil. The coating has been developed specially for non-food packaging and offers fast drying and good rub protection.
- Further advantages of Novaset® 4600/50 BLISTER are good stacking properties as well as good gloss.
- Novaset® 4600/50 BLISTER is suitable for single-sided coating and can be applied wet-on-wet and wet-on-dry.
- Novaset® 4600/50 BLISTER 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® 4600/50 BLISTER

- Particularly low-migration and low-odour.
- Complies with the requirements for water-based coatings for food packaging.
- Heat-sealable with board, PVC-, polystyrene-, PET-A- and PET-G- blister foil.
- Good Gloss.
- Fast surface drying.
- High rub protection.

Novaset® 4600/50 BLISTER

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® 4600/40 BLISTER	5	3	4	-	-	7	-	7	3	3	5
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>											

Product code	VP30-02DD-#### Final 4 digits relate to pack size.
Pack sizes	125 kg (01MA), 220 kg (01NF), 1000 kg (01U0)
Substrates	Very well suited for coated paper and board.
Application	Sheetfed coating units, offline coater
Film weight	5 – 10 g/m ² wet application recommendation: double coating
Drying	Physical, forced with hot air-dryer and IR-dryer
Viscosity	50 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.

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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.

To manufacture working blister packaging, besides the use of suitable boards, the correct coating application is important. We recommend a film weight of 5 – 10 g/m² wet application. If necessary we recommend double coating. Testing is required.

Mixing or contamination with washing agents or other coatings has to be avoided. Before use, the coating unit must be absolutely clean. Recommended drying times for the complete system i.e. substrate + ink + coating should be adhered to before further processing.

Blister cards should be stored cool and on edge.

Recommended temperature: 18 – 25 °C; relative humidity: 50 – 55 %.

For working with blister packaging the following prerequisites have to be considered:

1. The board used must be suitable for sealing
2. The foil used must be suitable for sealing
3. Use of suitable printing inks free of disturbing additives
4. The goods being filled must be adapted to the plastic blister
5. The size of the sealing seams must be sufficient
6. The sealing conditions have to be adapted to the board used

Certificate

Novaset® 4600/40 BLISTER 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“ and “Processing Guideline Novaset® Blister coatings”.

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