

Ultraking® 185/1A Low Penetration

Modern UV flexo gloss coating for commercial and packaging applications

EC coating for sheetfed offset and web offset

Product Features

- Ultraking® 185/1A Low Penetration is a modern UV gloss flexo coating, which has been developed for both commercial and packaging applications.
- Ultraking® 185/1A Low Penetration is suited for coated and uncoated papers and boards.
- Ultraking® 185/1A Low Penetration is formulated to give the highest possible production performance whilst ensuring compliance with industry safety regulations. Not suitable for double-sides coating applications. Its low setting into porous substrates combined with an adjusted viscosity level makes it a first choice for overprinting in-line over conventional inks and water-based primer.
- Ultraking® 185/1A Low Penetration is not a low migration coating, as a consequence is not suitable for primary food packaging applications. It can be used as a secondary food packaging only if the primary food packaging acts as a functional barrier. In addition there should not be a direct contact between the printed and coated image and the contents of the food package.
- Ultraking® 185/1A Low Penetration is not suitable for foil-blockable /gluable /overprintable further applications.

Advantages of Ultraking® 185/1A Low Penetration

- High Gloss effect.
- Fast curing speed.
- Especially designed for porous substrates.
- Recommended for in-line coating over conventional inks and water-based primer.
- Not overprintable, not foil blockable, not gluable.
- 100 % solid – no VOC emissions.

Ultraking® 185/1A Low Penetration

Shelf life and storage

Not flammable.
Recommended storage temp. 5-35 °C.
Direct sunlight should be avoided to prevent polymerization.
Stable for a minimum of 18 months from the date of manufacture.

Special notes

Ultraking® 185/1A Low Penetration is formulated to be ITX free, except technically unavoidable impurities.

To get optimal results, we recommend an accurate control of the polymerization process under the UV lamps.

Ultraking® 185/1A Low Penetration is formulated in accordance with the following guideline of EuPIA (European Printing Ink Association, www.eupia.org): Exclusion List for Printing Inks and Related Products.

100% solid – no VOC emissions.

Packaging

20 kg pails. 200 kg drums, 1000 kg containers.

Viscosity

185 mPa.s +/- 20% GARDNER 25 °C

Substrates

Ideally suited for coated and uncoated papers and boards.

In view of the wide substrates offered by various manufacturers and in order to check the suitability for the printing of food packaging, we recommend carrying out your own tests before starting a print run.

Printing Process

Flexographic unit.
Flexo unit on offset press.
Not suitable for double side coating.

Code

VW77-0J2I

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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

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