

Technical Data Sheet

W400 – High Speed Gloss Emulsion

- A fast setting gloss emulsion suitable for application in and off-line over conventional ink
- Exhibiting excellent scuff and blocking resistance
- Suitable for subsequent after processing

Applications

W400 has been designed for use on commercial print and packaging work, in-line over conventional ink.

Single / Double Sided	Double
Heat Resistance	<=120°C
Foil Blockable/Glueable	Yes

The exclusion of toxic materials makes this coating suitable for indirect food packaging.

Properties

Viscosity (Din4 @ 25°C)	35 - 40 seconds
Gloss	High
pH	7.9 – 8.5
Resolubility	High
Scuff/Rub	High
Slip	ST 0.35 – 0.40
Solids	38% +/-2

Substrate

W400 has been designed for use on most paper and board substrates, however, due to its fast drying properties it is recommended for printing on non-absorbent materials such as plastics and metallised substrates.

Recommend for use on low grammage stocks (<115GSM).

Machine / Printing

W400 is suitable for application via the majority of conventional in and off-line coating units, including Heidelberg, Komori, KBA, manroland, Mitsubishi and Ryobi.

It is recommended that the press is equipped with some form of accelerated drier such as hot air knives.

Storage and Shelf Life

- Store in temperatures not exceeding 30°C and not falling below 5°C!
- Store on either pallets or racking in order to protect from cold floors.
- Protect from frost
- If left unopened and kept in the correct conditions Waterbased products have a shelf life of 12 months.
- Stir well before use

Note

The information contained in this data sheet corresponds with our current knowledge and experience. The liability for the application and processing of our products lies with the buyer, who is also responsible for observing the third party rights.

We reserve the right to alter any of these details as a result of technical or manufacturing developments.

For any further information please contact the technical department at ECS (Nottingham) LTD

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