

AQUACER 2500

Wax emulsion based on a polyethylene wax to improve paper surfaces.

Product data

Composition

Non-ionic emulsion of a modified polyethylene wax

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

pH value:	9
Non-volatile matter (60 min, 125 °C):	40 %
Carrier:	water
Melting point (wax content):	125 °C
Viscosity (23 °C, D=800/s):	< 100 mPa·s

Storage and transportation

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Mix well before use.

Applications

Paper Coatings

Special features and benefits

AQUACER 2500 improves the surface uniformity, reducing the two-sidedness of coated paper substrates.

In addition, AQUACER 2500 increases slip and rub resistance, improves printing ink acceptance and ink setoff, and reduces the penetration speed of the fountain solution in offset printing.

Recommended use

AQUACER 2500 can be added to all paper coating colors and is compatible with all coating techniques.

It is particularly suitable for use in paper coatings where the base paper contains a large amount of recycled pulp.

Recommended levels

1–6 % additive (as supplied) based on total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive should be added with low shear force before adding thickeners. Stir before use.



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This issue replaces all previous versions.