

COMMERCIAL LICENCE OPPORTUNITY



002S Dispersion Coating

A wax-free high moisture barrier
water-based dispersion coating.

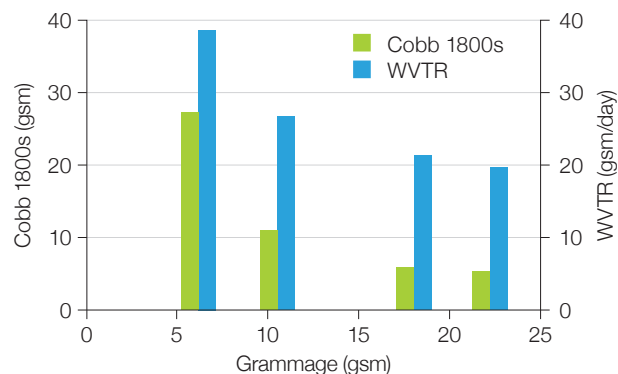


002S is a high performing, water-based dispersion coating that protects paper, corrugated boxes, cartons and other products from moisture damage.

The product is a non solvent-based two pot system. When mixed and applied as a thin layer to the surface of a material it reacts to form a barrier that reduces the transmission of water vapour and moisture ingress into the material.

Key product attributes

- High moisture barrier even when folded
- Wax-free
- Printable
- Hot melt, PVA and starch glueable
- Recyclable
- Brookfield viscosity – 300 - 600 cps (Spindle 3 (S63, 100 RPM))
- pH 6.8 – 7.2
- Meets BfR food contact requirements



Performance of rod-coated samples at different application weights.

Water vapour transfer rate (WVTR) at 23°C, 50% RH.

Uncoated paper values:

- Cobb 1800s 80gsm
- WVTR 350 gsm/day

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About Scion

Scion is the Crown research institute that specialises in research, science and technology development for forestry, wood and wood-derived materials, and other bio-material sectors.

Scion's purpose is to create economic value across the entire forestry value chain, and contribute to beneficial environmental and social outcomes for New Zealand.



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Prosperity from trees *Mai i te ngahere oranga*

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