



Q4505B Matte Work & Turn

Aqueous Coating Technical Data Sheet

The Prisco Q4505B is a matte work & turn coating for inline application wet trapping over lithographic inks to both sides of the substrate. It is designed to produce an even and fast drying film formation over a wide variety of substrates and inks. This allows for quick turnaround times and an even defect-free surface. This product is a matte version of our Q5515B Satin coating.

Advantages:

- Superior matte finish
- Good leveling
- Minimizes burnishing and marring
- Good Rub Resistance
- Can be over-coated with:
 - UV coatings
 - Oleo resinous varnishes
 - Aqueous coatings
- Displays adhesion to:
 - Plastic film laminates,
 - Hot foil stamping,
 - Glue
 - Laser imprinting

Physical Properties:

Viscosity	17-19 seconds, #3 EZ Zahn timed @ 25°C/77°F
pH	8.0-9.0
Gloss	10
Solids	38% +/-3%
Wt./gal	8.6-8.8 lbs/gal
Block Resistance	Pass 120°F, 10PSI, 6 Hrs
Rub Resistance	Good @ 200+ Sutherland Rubs w/ 4lb weight

Application:

Commercial Sheetfed
General Purpose
Folding Carton

- **Application Viscosity**-Stir and use as received.
 - Viscosity reduction only with Prisco technical support
 - Recommended application temperature 70-80°F
- **Equipment**-Blanket and tower coaters, anilox coaters
- **Drying**-Sufficient volumes or warm dry air, and medium and short wave IR. Pile temperatures should range 95-100°F 1st side, and 85-90°F 2nd side
- **Wet Film Weight**-Recommend 0.8-1.2 wet pounds per 1000 square feet of substrate
- **Inks**-Sheetfed lithographic oxidative ink. Wax content should be limited to 2-3% polyethylene.
- **Clean up**-Cleaning is best before coating dries. Use warm water and Prisco Aqueous Coating Cleaner
- **Shelf Life**-6 months stored at room temperature.

Product Code: RP85-55B (55 gallon drum), RP85-30B (30 gallon drum), RP85-5GF (5 gallon pail)

Prisco recommends that you test coatings for specialty applications using the actual raw materials to be used in production prior to printing.

Read MSDS before using this product

An ISO 9001:2008 Registered Facility

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Product Bulletin

