

Technical Data Sheet

1300-G Koate UV Oil Gloss

Koate UV Oil Gloss is a relatively high gloss, UV curable finish based on renewable raw materials. It is designed to give the look of a natural oil finish with better durability and without the dangers. It is suitable for unfinished and stained wood surfaces.

Properties:

- Minimal build for natural look
- "High gloss" (~20 gloss, depending on application)
- Holds up to 50+ acetone rubs immediately after curing
- Can be packaged immediately after curing
- Good scratch resistance
- Can be repaired or maintained with standard oil maintenance products
- Tint with UV or alkyd pigments, or apply over stain if desired

Surface Prep: Surfaces must be clean, dry, and properly sanded prior to application. Some applications or species may require a suitable stain base or primer for adequate adhesion.

Recommended Application: Mix before use. Application amounts between 4 - 15 grams/square meter is recommended, applied with a smooth rubber roller. Brush or pad into grain, if desired, then cure. Denib or sand as necessary. May also be used as a single coat or with additional coats.

Suggested 2 coat system: 1st coat - Apply approximately 12 grams per square meter, brush or pad in to grain, cure, sand. 2nd coat - Apply 6 grams per square meter, and cure.

Suggested 3 coat system: 1st coat - Apply 6 grams/square meter, brush or pad in to grain, cure, sand. 2nd coat - Repeat 1st coat. 3rd coat - Apply 6 grams/square meter and cure.

Curing: Recommended cure dose is 720 mJ UVB. Actual requirement will vary with application amounts and methods, bulb intensity, process and ambient temperature, etc..

Shelf Life: 6 months at room temperature in original unopened container.

Weight / Gal: 9.01 lb

Viscosity: 1000 - 1700 cps @ 25 C / 77 F

VOC content: 0.0 g/L

VHAP content: 0.0 g/L solids 0.000 lb/gal solids

Clean up: Butyl acetate or acetone.

This information is based on current experience and research and should be considered as recommendation only, without obligation or warranty of any kind. Final determination as to the suitability of this product for any purpose or process is the responsibility of the user, and should only be made after proper and careful testing of the complete coating system. For further information see SDS or contact Koate Limited at +44 7551 022391. Issued January 2022