

TECHNICAL DATA SHEET

WATERBASED FLOOR-GRADE TOP COAT

(TCP)



DESCRIPTION:

SAMAN Waterbased Floor-Grade Top Coat is recommended for all interior wood surfaces: floors, stairs, furniture, woodwork, doors, cabinets, etc. It provides a durable, non-yellowing finish, along with the benefits of low odor and fast drying time. It features aluminum oxide technology to deliver exceptional surface hardness and excellent abrasion resistance.

PRODUCT SPECIFICATIONS:

PH: 8.0–8.5

SOLIDS: 30 ± 1% (by weight); 27 ± 1% (by volume)

VISCOSITY: 34–36 seconds, Zahn Cup #2 at 25 °C/77 °F

DENSITY: 1.02–1.06 kg/L

DRYING TIME: 2–4 hours at 20 °C/68 °F and 50% relative humidity.

Drying time may vary depending on temperature and relative humidity.

COVERAGE: 1 gal (3,78 L) covers up to 600 ft² (55,7 m²)

VOC: < 250 g/L

SHEENS: GLOSS = minimum 85%

SEMI-GLOSS = 55–60%

SATIN = 25–30%

MATTE = maximum 10% (measured at a 60° angle)

APPLICATION TOOLS: Brush, roller, applicator pad, or spray gun

CLEANING OF TOOLS: Clean tools with warm water and mild soap.

STORAGE: Store at temperatures between 5 °C/41 °F and 35 °C/95 °F.

KEEP OUT OF REACH OF CHILDREN.

FREEZE/THAW STABILITY: Resistant to one freeze/thaw cycle.

Prolonged exposure to freezing may affect product properties.

APPLICATION:

SURFACE PREPARATION

1. Surfaces must be clean, dry, and free of wax, grease, dirt, and dust.
2. **Bare wood:** sand to obtain a smooth surface.

Previously varnished wood: sand to ensure proper adhesion or strip completely and treat as bare wood.

STAIN APPLICATION

If necessary, stain the wood using SAMAN Waterbased Stain. Then apply the top coat according to the stain's drying time.

TOP COAT APPLICATION

Allow the product to reach room temperature before application. Apply at a temperature between 15 °C/59 °F and 25 °C/77 °F with relative humidity between 40% and 75%.

1. Stir gently. Do not shake.
2. Apply 2 or 3 uniform coats in the direction of the wood grain. Lightly sand between the two last coats. Do not use steel wool.
3. Allow surfaces to dry completely and wait at least 28 days before cleaning with a mild soap.

CURING TIME

Wait 24 hours before allowing light foot traffic on the final coat. The curing process takes approximately 28 days (75% after 1 day, 90% after 3 days, 100% after 28 days, or 10 days if catalyzed). Wait 2 weeks before replacing rugs.

To the best of our knowledge, the information contained in this document is accurate. However, since application conditions and methods are beyond our control, no express or implied warranty is given as to the final result. It is always recommended to perform a test prior to final application of the product.

FINISH WITH STYLE

SAMAN