

TECHNICAL DATA SHEET

SAMAN WATER BASED TOP COAT

GLOSS 160-091, SEMI-GLOSS 160-051,
SATIN 160-031, MATTE 160-005



DESCRIPTION

Waterbased urethane Top Coat is recommended for all interior wood surfaces: floors, furniture, woodworks, doors, cabinets, etc. It will provide a non-yellowing and durable finish, with the added benefits of low odor and fast drying time. It takes advantage of the aluminum oxide technology for excellent surface hardness and 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).

DENSITY: 1.02-1.06 kg/l.

DRYING TIMES: 1-2 hours at 70°F/21°C and 50% relative humidity.
Drying time may vary according to room temperature and relative humidity.

COVERAGE: 500-600 sq. ft/gal.

VOC: 221 g/l.

GLOSS LEVELS: GLOSS = minimum 85%,
SEMI-GLOSS = 55-60%,
SATIN = 25-30%,
MATTE = maximum 10% (measured at an angle of 60°).

RECOMMENDED APPLICATORS: Brush, roller, pad applicator or spray.

CLEAN UP: Clean applicator and equipment with water.

STORAGE: Minimum temperature 41°F/5°C, maximum temperature 95°F/35°C. Freeze-thaw stable (if frozen, thaw completely before using).
KEEP OUT OF REACH OF CHILDREN.

SHELF LIFE: At least 1 year in an airtight container.

APPLICATION

SURFACE PREPARATION

1. Surfaces must be clean, dry and free from wax, grease, dirt and dust.
2. New wood: sand to ensure smooth finish. Varnished wood: sand to get proper adhesion or strip completely and treat as new wood.

STAIN

If required, stain the wood with SAMAN WWS.

FINISH APPLICATION

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

1. Mix thoroughly by gently stirring. Do not shake.
2. Apply uniformly 2 or 3 coats along the wood grain. Sand lightly between coats. Do not use steel wool.
3. Let the surfaces completely dry and wait at least 30 days before cleaning.

CURING

Wait 24 hours before allowing light traffic on the final coat. The curing process takes approximately 30 days (75% cured after one day, 90% after 3 days, 100% after 30 days, 10 days if catalyzed). Place rugs after two weeks.

To the best of our knowledge, the information contained herein is accurate. Since conditions and methods are beyond our control, no warranty is expressed or implied as for the final result. The user is advised to assess the suitability of the product on a test area before application.