Technical Data Sheet

SAMAN OIL BASED HYBRID VARNISH
gloss SAM-595, semi-gloss SAM-565, satin SAM-535, mat SAM-505

DESCRIPTION

Water based oil modified urethane (hybrid) varnish recommended for all interior wood surfaces: floors, furniture, woodworks, doors, cabinets, etc. This low odor varnish takes advantage of the aluminum oxide technology and dries fast to a durable finish. It highlights the natural beauty of wood by giving it a rich golden color.

PRODUCT SPECIFICATIONS

pH: 7.8-8.2
Solids: 30 ± 1 % (by weight); 27 ± 1 % (by volume)
Viscosity: 34-36 seconds (Zahn cup #2)
Density: 1.02-1.03 kg/l
Drying times: 2-3 hours at 70°F and 50% relative humidity. Drying time may vary according to room temperature and relative humidity.
Coverage: 500-600 sq. ft/gal.
VOC: 235 g/l
Gloss levels: gloss = minimum 85%, semi-gloss = 55-60%, satin = 25-30%, mat = 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, maximum temperature 95°F. Freeze-thaw stable (if frozen, thaw completely before using). KEEP OUT OF REACH OF CHILDREN.
Shelf life: at least 1 year in a well closed container.

APPLICATION

Surface preparation

1. Surfaces must be clean, dry and free from wax, grease, dirt and dust.
2. New wood: sand to ensure a 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 water based stain TEW series.

Finish application

Allow the product to reach room temperature before application. Apply the product at room temperature between 60 and 80 °F with a relative humidity rate between 30 and 80%.

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 dry completely surfaces and wait at least 10 days before cleaning.

Curing

Wait 24 hours before allowing light traffic on the final coat. The curing process takes approximately 7 to 10 days (75% cured after one day, 90% after 3 days). Place rugs after one week.

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 access the suitability of the product on a test area before application.