



Technical Data Sheet

SAMAN VARNISH (semi-gloss, satin, mat) / 160-051,
160-031, 160-005

DESCRIPTION

Saman varnish is a water based 100% acrylic finish recommended for interior wood surfaces: furniture, doors, cabinets, woodwork, etc. It will provide a non-yellowing and durable finish, with the added benefits of low odor and fast drying time.

PRODUCT SPECIFICATIONS

pH: 7.6-8.0

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

Viscosity: 28-32 seconds (Ford cup #4)

Density: 1.00-1.04 kg/l

Drying times: 1-2 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: 196 g/l

Gloss levels: semi-gloss 60-65%, satin 30-35%, mat < 10% (measured at an angle of 60°)

Recommended applicators: brush, pad applicator

Clean up: Clean applicator and equipment with water.

Storage: minimum temperature 41°F, maximum temperature 95°F. KEEP FROM FREEZING. 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 7 days before cleaning.