

Sealmaster

Waterborne



Synteko Sealmaster is a very fast drying waterborne sealer for use over natural, unstained wood or cork floors which are to be finished with either Synteko's Extra or Synteko's Best. Dries hard in 60-90 minutes for screening or buffing without gumming up and provides great build. Reduces the effects of side-bonding. Sealmaster reduces grain raise and the risk of discoloration in oak and other tannin-containing wood species. Oil-and resin-rich wood species like teak, cypress etc. must be treated with Synteko Sealmaster 1600 immediately after sanding. Synteko Sealmaster 1600 is intended for use in combination with Synteko Extra or Synteko Best.

- Limited grain raise
- Provides a smooth base – no screening necessary between top-coats
- Adds luster and richness to final appearance
- Very Quick drying
- Saves time and money

DIRECTIONS FOR USE

PREPARATION

Machine sand (following NOFMA, NWFA and MFMA guidelines) the surface to remove old finishes and impurities in the wood. The initial sanding is done with coarse grit sandpaper and high roller pressure. The final sanding should take place with 120 grit sandpaper or screen using the lowest possible roller pressure. If too much roller pressure is applied during the final sanding, the soft springwood may be compressed. When moisture from the Synteko Sealmaster 1600 affects such compressed springwood it would swell back to its original volume resulting in an obvious rise in the surface. Oily and resinous wood species such as teak must be sealed immediately after sanding. Vacuum cleaning must be done before application. Do not forget to remove dust on baseboards, window sills, radiators, etc.

APPLICATION

During use, Synteko Sealmaster 1600 must be at room temperature. Temperature of floor should be between 15 and 25 °C (60 to 77 °F). Note: Shake well before use. Moisture content of wood should be between 5 and 15%. When sealing in normal climates, provide good ventilation. This accelerates drying, saves time, and reduces grain raising. In hot, dry climates, it is recommended to keep doors and windows closed to reduce the risk of lap-mark formation due to too quick drying; whereas humid/cool conditions require adequate ventilation speed up drying. During application it is very important to apply the first layer as evenly as possible. Do not use too much sealer in the brush or cut-in pad when applying close to walls and corners as the sealer can easily get below the baseboards and flow out on the floor giving uneven layers and uneven color. Do not allow puddles of finish to remain on the floor. If the sealer is poured onto the floor from the jug, it must be spread as quickly as possible to prevent the wood from absorbing too much water. Before top coating sand with a used 120 grit screen or, use a new maroon pad with 180 grit sandpaper strips. If a buffer is used for screening or buffing, it should be moved quickly with very light pressure to reduce the risk of discoloration.

APPLICATION OF TOP FINISH

Please see Technical Data Sheet for the product selected (either Synteko Extra or Best).

TECHNICAL DATA

Type:	Water based sealer of polyurethane/acrylic
Consistency:	Liquid, low viscosity
Color:	Milky-white
Solids Content:	Approximately. 35%
Density:	Approximately. 1020 kg/m (8.6 lbs./gal)
Viscosity:	Approximately. 20 sec. (FC-4) at 23°C (73°F)
pH:	Approximately. 7.5
Solvent:	Water
Flash Point:	None

OTHER DATA

Tools:	T-Bar, brush or pad applicator.
Coverage:	410 to 820 sq.ft/gal (Depending on tools and wood species.)
Drying Times:	10 to 20 min. for trowel application at 23°C (73°F)/50% RH at 23°C (73°F)/50% RH. 60 to 90 min. for brush or applicator at 23°C (73°F)/50% RH
Storage Life:	12 months in closed package
Storing:	Do not expose to temperatures below +5°C (40°F) and above +30°C (86°F) Protect from frost!

ENVIRONMENTAL DATA

Handling: Synteko Sealmaster 1600 is water based and entirely free from formaldehyde. However, general precautions normally taken when handling chemical products should be observed. Ensure good air circulation during use. **Keep out of reach of children.** Refer to MSDS for further information. **Cleaning:** Clean tools with soap and water immediately after use.

DISCLAIMER: Our information is based on laboratory tests and is considered a guide in connection with choice of product and working method. As your working conditions are beyond our control, we do not assume any responsibility for the results. Our responsibility covers exclusively personal injury and damage to property, which actually have been proved subsequent to faults and defects in one of the products manufactured by us. Date: 5/02

