



## Product information

# SYNTEKO SEALMASTER 1600

## GENERAL DESCRIPTION

Synteko Sealmaster 1600 is a one-component waterborne, low-odour sealer to be used before finishing with Synteko top finishes. Synteko Sealmaster can be used on most wood species as well as on untreated cork.

Synteko Sealmaster 1600 is fast drying, easy to sand, and reduces the risk of discoloration and side bonding.

**Note:** Shake well before use. Wood that has been chemically treated or mechanically compressed can not be finished with waterborne finishes. Synteko Sealmaster must only be applied on bare wood.

## TECHNICAL DATA

<b>Base material</b>	Waterborne polyurethane/acrylic dispersion
<b>Solids content</b>	Approx. 35%
<b>Density</b>	Approx. 1035 kg/m <sup>3</sup> (8,64 lbs./gal US) (10,37 lb/gal UK)
<b>Viscosity</b>	Approx. 21 sec. (SIS 18 41 15)
<b>pH</b>	Approx. 7
<b>Fire hazards</b>	Not flammable
<b>Coverage</b>	* 10-20 m <sup>2</sup> /l
<b>Drying time</b>	60 to 90 min. for brush or roller application at 23°C (73°F)/50% RH
<b>Shelf life</b>	12 months in unopened container
<b>Storage</b>	Store frost-free. Must be stored between +10°C (50°F) and +30°C (86°F)
<b>Tools</b>	Applicator, brush or roller
<b>Cleaning</b>	Clean tools with water immediately after use

\* Depending on tools and wood species.

## DIRECTIONS FOR USE

### PREPARATION OF UNFINISHED FLOORS OR FLOORS WHERE OLD FINISH MUST BE REMOVED

#### Sanding

Sand floors using accepted MFMA, NWFA or NOFMA procedures (US).

Machine sand the surface to remove old treatments and impurities in the wood. The first sanding is made with a coarse sandpaper and high roller pressure. Make the floor surface as even as possible. If the floor is uneven in spots, sand locally to even out these areas.

The final sanding is made with 120-150 grit sandpaper or screen, and with the lowest possible roller pressure. If roller pressure is too high, the soft springwood may be compressed. When moisture from the finish affects such softwood, it will raise the grain of the floor by swelling back to its original volume.

**Important!** Vacuum and tack the floor before applying Synteko Sealmaster. Do not forget to remove dust on skirtings, windowsills, radiators, etc. Oily and resinous species such as teak should be coated as soon as possible after machine sanding.

#### Sealing

The first coat is intended to seal the wood. Do not apply to heavy coat on less absorbing kind of wood. During use, the sealer must have a temperature of approx. 23°C (73°F).

Further important factors are:

Floor temperature: must be between 15 and 25°C (60 to 77°F)

Floor moisture content: must be between 5 and 15%

Do not allow puddles of finish to remain on the floor. If the sealer is poured onto the floor from the container, it must be spread as quickly as possible to prevent the wood from absorbing too much water.

When sealing, it is practical to have as good ventilation as possible. This will help accelerate the drying time and reduce grain raising. In hot and dry climates, reduce ventilation in order to avoid too quick drying and risk of lap marks.

For intermediate sanding use a used 120 grit screen or paper or a new 150 grit.

**Important!** Vacuum and use a tack rag on the floor before applying Synteko top finishes. Do not forget to remove dust on skirtings, windowsills, radiators, etc.

#### Application of top finish

To obtain a perfect result, only use Synteko top finishes (please see separate Product Information).

## HEALTH & SAFETY INFORMATION

Keep out of reach of children. Safety data sheet available for professional user on request. Detailed information and guidance is provided in our MSDS (Material Safety Data Sheet).



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*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.*

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