



Product information

SYNTEKO SEALER 1601

GENERAL DESCRIPTION

Synteko Sealer 1601 is a one-component waterborne, low-odour sealer to be used before finishing with Synteko top finishes. Synteko Sealer can be used on most wood species as well as on untreated cork.

Synteko Sealer 1601 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 Sealer must only be applied on bare wood.

TECHNICAL DATA

Base material	Waterborne acrylic dispersion
Solids content	Approx. 40%
Density	Approx. 1020 kg/m ³ (8.51 lb/gal) (10,22 lb/gal UK)
Viscosity	Approx. 120 sec. (SIS 18 41 15)
pH	Approx. 7
Fire hazards	Not flammable
Coverage	* 20-30 m ² / l
Drying time	1- to 20 min. for trowel application at 23°C (73°F)/50% RH
Shelf life	12 months in unopened container
Storage	Store frost-free. Must be stored between +10°C (50°F) and +30°C (86°F)
Tools	Stainless steel trowel
Cleaning	Clean tools with water immediately after use

* Depending on 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 Sealer. 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

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%

Sealing with trowel

Application with trowel reduces grain raising and drying time. Preferably, use a plain, stainless steel trowel. Three applications with trowel corresponds to one application with roller. 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. The second coat can be applied immediately after the first coat. Before applying the third coat allow the surface to dry to an even colour. Drying time is normally 10 to 15 minutes, depending on temperature and relative humidity.

Before applying Synteko waterborne finish perform a light intermediate sanding with a used 120 grit screen or paper or a new 150 grit.

Note: If Synteko Extra is to be used as top coat, the third trowel application should be made with Synteko Extra.

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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