PRODUCT INFORMATION

SYNTEKO® SINCE 1944

NMP free WATERBASED

SYNTEKO SEALER

Synteko SEALER is a one-component sealer to be used before finishing with Synteko waterborne top finishes. SEALER can be used on most wood species. Thanks to SPT technology can be used as a primer under Synteko Nordic Elastic on resilent floors.

PRODUCT PROPERTIES:

- Very fast drying
- Easy sanding
- Reduces risk of discoluration
- Ensures superior adhesion of top coats with surface
- Reccomended under Synteko Nordic Elastic
- Very good resistance to scratching, scuffing, marring
- Non-yellowing but enriching the colour of wood
- The product is ready to use

COVERAGE:

- 8-11 m^2/L, depending on tools and wood species.

TOOLS:

- Applicator with mohair felt, 5 mm pile high 300-500 mm width
- Roller with synthetic material approx 8-10 mm pile high
- Clean tools with water immediately after use.

TECHNICAL DATA:

BASE MATERIAL	Waterborne acrylic/polyurethane Dispersion with added ceramics
SOLIDS CONTENT	Approx. 38 % (ISO 3251)
pH	Approx. 8,0
VISCOSITY	Approx. 24 sec (ISO 2431)
DENSITY	Approx. 1100kg/m^3 (ISO 2811-1) (9,18 lb/gal US)
DRYING TIME AT 23°C/50% RH	Ca 1 hour Final strenght after 10 days
STORAGE	Store frost-free. Must be stored +15°C … +25°C (+41°F...+77°F)
SELF LIFE	12 months in unopened container from production date (s. package)
PACKAGE SIZE	5 L

ATTENTION!

- Waterborne floor finishes must not be covered with solventborne finishes.
- Wood that has been chemically treated or mechanically compressed can not be finished with waterborne finishes.
- Oily and resinous wood species such as teak should be coated immediately after machine sanding.
- Tape must not be used on waterborne finishes.
- All finishes should be shaken before use. Do this before vacuuming so that the air mixed into the finish during shaking has a few minutes to escape before use.
- Do not apply more than two coats per day (sealer and/or finish).
- If possible direct sunlight should be blocked, also avoid too high or low temperature and humidity
- The finish should be at room temperature when applied. If the finish is too cold, it flows much less freely and also releases air poorly, which can result in brush stroke marks and air bubbles remaining after drying. It takes about seven hours to warm the lacquer from 0°C to 20°C.

DURING APPLICATION

- The finish should be at room temperature of approx. 23°C.
- Floor temperature must be between 15 and 25°C.
- Floor moisture content must be between 5 and 15%
- Humidity must be 50 – 60 % RH

BEFORE USING THE FLOOR

- The floor can be used with caution 24 hours after the last coat is applied.
- Furniture can be placed after 24 hours.
- Allow the moisture to evaporate for one week before laying rugs.
- Do not clean floor with water or detergents during the first month.
- Attach felt pads to the legs of chairs and tables in order to avoid scratching the finish.
- The surface must not be covered with non-porous protective materials.

PREPARATION

- The surface has to be sanded to a professional standard, dry and free from contamination.
- Moisture content of the wood should be max 15%.
- Protect the floor from direct sunlight and keep off all underfloor heating from day before application till 24 hours after application.
- Final sanding of the floor should be done with sanding paper 120 grit belt or 100 grit screen.
- The temperature of the floor, First Coat primer and air must be between 13°C (55°F) and 25°C (77°F).
- Relative humidity of the room should be between 40% and 60%. Higher humidity of room extends drying time of primer thus waiting time between layers will be longer.
- Shake the container before use for 30-60 seconds. Allow it to rest for 2-3 minutes before applying.
- Do not dilute the primer.
- Vacuum and tack the floor before applying the finish. Do not forget to remove dust on skirtings, windowsills, radiators, etc

PRIMING

- Use Synteko SEALER for priming
- The first coat is intended to seal the wood. Do not apply to o heavy coat on less absorbing kind of wood.
- Application of the primer should be carried out along the direction of parquet strips and wood.
- Prevent direct sunshine on the floor during coating.
- If possible, do not apply the primer cross the direction of daylight.
- Windows/doors must be closed to prevent air flow and ventilation should be shut down for the time of application.
- First Coat is suitable for application with a lightweight t-bar applicator, roller or brush.
- Only use roller for worn-out old flooring and floors with joints
- Always test the product on a smaller area to ensure colour and adhesion.
- Recommended method of application with a 10mm roller: in one layer 95-131g/m2.
- Apply sufficient amount of product in order to ensure good levelling of roller/ applicator marks.
- Ready for intermediate sanding between 30-60 minutes after application.
- Work gently with the applicator or roller, thus minimizing the amount of air mixed into the finish. When using an applicator, use the ”snow plow” method in continuous, steady movements.
- Be careful in corners and other places where finish may be applied in increased amounts. Use a smaller brush in such areas.
- Always avoid direct sunshine on the floor, which may heat the hardwood resulting in too quick drying.
- When the whole surface has been completed, leave doors ajar. Avoid direct air drafts over the surface of the floor. Normal airflow is sufficient for the drying of the finish.

HEALTH & SAFETY INFORMATION

FOR PROFESSIONAL USE ONLY! Detailed information and guidance is provided in our MSDS (Material Safety Data Sheet) www.synteko.com. The following only represents a selection of important information.

Note: Do not take internally. Keep out of reach of children. Protect from frost. Avoid contact with eyes, skin and clothing. Do not breathe vapors or spray mist. Call a POISON CENTER or doctor/physician if you feel unwell.
Dispose of contents and container in accordance with all local, regional, national or international regulations.
Contains Dipropylenglycolmonomethylether 1 – 5 %

EU limit value for this product (cat. A/i): 140g/l (2007) / 140g/l (2010). This product contains max 42g/l VOC.

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 inone of the products manufactured by us.

Producer:
Synteko AB, Sweden
www.synteko.com

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