

TECHNICAL DATA SHEET

SYNTEKO NATURAL

Synteko Natural is a high solid alkyd penetrating floor finish developed to provide and maintain a natural appearance and provide excellent protection for hardwood floors. Because of its extremely high solids (~ 85%) Synteko Natural gives up to three times more coverage (800-1000 sq. ft. per gallon to completely finish a typical oak floor) than traditional penetrating floor finish. Due to the excellent wear resistance and ease of maintenance Synteko Natural is especially recommended for use in commercial areas like offices, stores, museums, and other areas where a high wear resistance and easy maintenance is needed.

FEATURES

- Ultra high solids
- Low VOC's
- Penetrating oil finish
- Available in 4 colors & clear
- Ease of application
- Commercial & residential use

BENEFITS

- Excellent coverage
- Compliant in all markets
- Natural hand rubbed beauty
- Creates unique and distinctive look
- One day job completion
- Ease of maintenance & repair

PREPARATION

- Machine sand (following NOFMA, NWFA and MFMA guidelines) the surface to remove all old finishes and impurities from the wood.
- Final sanding/screening should be completed with 100 grit sandpaper or screen. Finer grit will reduce absorption of Synteko Natural. Remove all dust thoroughly. Maintain an ambient temperature in the work area (air + floor) of (68°F - 77°F) 20°C - 25°C). Previous finished floors must be sanded down to bare wood.

Note: When a tinted version of Synteko Natural is selected you may achieve a darker color by "water popping" the wood floor. Allow the "water popped" floor to dry and reach the moisture content it was prior to "water popping".

Allow the Synteko Natural to reach room temperature before application and mix/shake Synteko Natural thoroughly to disperse all pigment in the tinted product.

APPLICATION

First protect all adjacent areas carefully to prevent splashing and spills.

Plan your work area out, larger areas should be divided into more manageable areas (up to 500 square feet) or areas which are possible to handle within 20 minutes of the initial application. When the work conditions are very warm and dry, reduce the size of these areas.

- Application of Synteko Natural is typically performed with a rubber blade applicator (window squeegee).
- First, pour a line of Synteko Natural along one wall.
- Next, using a common window squeegee, apply/"snow plow" the Synteko Natural out in a thin coat. Use a small brush to get in difficult to reach areas. Do not leave a heavy, wet coat, but a rather thin one.
- Redistribute Synteko Natural with a 150 r.p.m. buffer using a red pad, start doing this within 20 minutes. If too much product was applied it will have a tendency to splash around.
- Apply several thin coats for best results. Softer/more absorbent species will need 2-3 coats, less absorbent, denser woods, will need 1-2 coats. All coats are applied "wet on wet". (Do not allow drying between coats). Do not apply more product than the wood will absorb. Remove any material that remains on the substrate!
- When the wood is completely saturated, using a clean red pad, buff out the area one more time and even out the finish on the whole floor. The result should be a "semi-dry" looking substrate (but saturated with a "hand rubbed" luster)
- Allow the floor to dry for at least 3 hours (up to 16 hours) and buff the floor one more time with a clean dry red or white polishing pad. Next polish the floor with a lint-free rag or towel wrapped around a pad, or by using a polishing pad.

Note: Do not allow un-absorbed Synteko Natural to remain and dry on the substrate. If it does, it will leave a shiny area on the floor surface.

Important: Read environmental data on this sheet before using this product.

APPLICATION TIP

When the wood floor has open gaps, bullnosed boards, v-grooves or is hand scraped, it is recommended not to apply Synteko Natural with the pour on/squeegee method, but to roll the product on "sparingly" with a short nap (1/4 inch) roller in a "dry-wet" stipple pattern. DO NOT roll on a heavy coat!

Next distribute and work in the product with the buffer and red pad. When excess product accumulates in the open grooves it will bleed/ooze out again at a later time and may leave undesirable shiny spots. So, avoid applying too much product in these situations. When bleeding/oozing of product occurs wipe off and buff and re-polish the floor again. Monitor the floor for a few days after finishing and polishing. Because of the oil nature of this product spontaneous combustion of rags and pads may be a risk with improper disposal. Read Environmental Data!

CARE AND MAINTENANCE

The floor can be walked on carefully within 1-2 days after final polishing. Furniture may be moved in after 3 days of curing. Wait at least 7 days before placing rugs or walk off mats. Do not use vapor proof, non skid underlayments. Attach new felt pads to the legs of chairs, tables and other furniture so as not to scratch the finish of the finished substrate. When the floor starts to show wear a maintenance coat should be applied of Synteko Natural. First clean with a solution of Synteko Heavy Duty Soap (follow recommendation on product label) and a damp mop, follow with clean water and a damp mop. Use as little of the solution as needed to clean the floor. Do not leave any solution or water on the floor as you continue. Upon complete drying apply a light coat of Synteko Natural and wipe, or buff out. Allow the lightly coated floor substrate to dry for 20-30 minutes and polish the substrate with a dry, lint free rag/towel wrapped around the pad of a buffer, or use a polishing pad. After polishing the maintenance coat, the floor can be used again after 16 hours drying. Avoid dirt and moisture on the floor for at least two weeks. The first month after the initial application only dry clean your finished floor. Vacuum the floor frequently and clean the finished floor as needed with a solution of Synteko Super Clean and the Synteko Microfiber Mop.

OTHER DATA

Tools:	For Application:	Applicator with rubber blade ("window squeegee"), or a short nap roller.
	For Rubbing:	Red pad and buffer
	For Polishing:	Red pad and a lint free rag/towel, or a white polishing pad and a buffer
Coverage:		800-1000 sq.ft/gal (Depending on application procedure and wood species)
Time for application and Buffing:		It is recommended to wait at least 3 hours (up to 16 hours) after the last application before the final polishing is done. Otherwise buff the floor before leaving the jobsite and return the next day for the final polishing
Drying Time:		Approx. 16 hours
Storage Life:		24 months in tightly closed packing

TECHNICAL DATA

Basis:	High solid alkyd resin
Dry Solids:	Approximately 85 to 90%
Viscosity:	Approximately 155 cps. at 23°C (74°F)
VOC:	Does not exceed 125 grams/ltr
Density:	(7.8 lbs/gl)
Solvent:	Mineral spirits (Aliphatic hydrocarbon)
Flash Point:	64.4°C (148°F)
Clean Up:	Mineral Spirits

ENVIRONMENTAL DATA

IMPORTANT! STORAGE AND DISPOSAL: DANGER! RAGS, STEEL WOOL, BRUSHES, ROLLERS, AND ANY WASTE WET, SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISPOSED OR STORED. To avoid a spontaneous combustion fire, immediately after each use place pads, rags, steel wool, brushes, rollers and waste in sealed, water-filled metal container. Keep away from combustible materials. For disposal guidance, contact your household refuse collection service, fire department, county or state government environmental control agency. Tools should be cleaned with mineral spirits. Keep out of reach of children. For further information consult MSDS Sheet.

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 exclusively covers 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 07/08

