



# UNISTEP PRIMER

Unistep Primer is an 1-component waterborne ceramic fortified primer for indoor wood and parquet floors. The finish is fortified with ceramics thanks to our unique Small Particles Technology. Adding ceramic particles results 30% less petro- chemical raw materials used hence makes Primer up to 30% more environmentally friendly than competitive brand primers. Primer is NMP free and has low solvent content. Primer dries fast, reduces the side bonding effect and the fiber rising. By adding ceramic particles, our waterborne primers dry hard and become very easy to sand. It gives the floor a smooth, rich and enhanced surface. It is the perfect foundation for our waterborne finishes. For indoor use only.

## DIRECTIONS FOR USE

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. At high temperatures and low relative humidity add 2% "Extender". Shake the container before use for 30-60 seconds. Allow it to rest for 2-3 minutes before applying. Do not dilute the primer.

## APPLICATION

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. Unistep Primer 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/m<sup>2</sup>. 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.

# TECHNICAL DATA

**Special ingredient:** Ceramic Silica

**Recommended use:** As a primer before overcoating with Unistep waterborne finishes.

**Additional features:** Ceramic fortified, NMP free

**EU:** 42g /l (EU limit value for this product (cat. A/i): 140 g/l (2010) 2004/42/CE)

**Solids by volume:** 38%

**pH:** Approx. 8

**Approx. Weight/ Density:** 9.18 lbs./gallon; 1.10 g/cm<sup>3</sup>; 1.10 kg/l

**Odour:** Very light, non-offending

**Safety/Toxicity:** Non-hazardous / Not classified

**Coverage:** 400 - 500 sq. ft. per gallon with T-bar / 8-11 m<sup>3</sup>/ l or 95-131g/m<sup>2</sup> with roller

**Flow and leveling:** Exceptional

**Color Wet:** milky white, clear when dry

**Drying time:** 20°C/ 68°F (RH 50%) 30-60min

**Packaging:** 5L cans.

**Storage and transport:** 1 year from date of manufacture in unopened original container at 41F (5°C) to 77F (25°C). Keep from freezing!

**Shelf life:** See expiration date on canister.

**Chemical resistance:** Resistant to grease, water and ordinary household cleaners and detergents

**Cleaning of tools:** Thoroughly clean all application tools with water, right after using.

**Disposal:** Never pour surplus finish down the drains. Dispose it in accordance to local regulations.

**Maintenance:** To keep the floor looking its best, clean and maintain floor using Unistep "Cleaner" and "Polish", following application instructions. Do not clean the floor before it is fully cured.

There are no express or implied warranties, including warranties of merchantability and/or fitness for a particular purpose. Buyers' remedies are limited to replacement or refund of the purchase price. Manufacturer assumes no liability for injuries, incidental or consequential damages. User shall determine suitability of product for intended use. The information and recommendations in this data sheet are guidelines for application and are not to be construed as a guarantee. In all cases it is the responsibility of the user to determine if the product is suitable for the purpose, and complete a successful application. Unistep can only guarantee the delivered product. If the user is in doubt we would recommend a preliminary onsite test. Please ensure you have read and understood all information on the labels and in the safety data sheets before using this product. This data sheet replaces all previous versions.

