

Ultracoat Premium Base

Two-Component, High-Performance Sanding Sealer



DESCRIPTION

Ultracoat® Premium Base is a two-component, high-performance, water-based sanding sealer for all types of wood flooring – including exotic species – and is specifically designed to work with *Ultracoat* water-based finishes in high-traffic areas. *Ultracoat Premium Base* seals freshly sanded wood flooring and creates a base layer that isolates the finish coat from penetrating into the open wood surface. *Ultracoat Premium Base* is formulated to enable a single-coat application for most wood types.

FEATURES AND BENEFITS

- Improves flow and build of finish coats
- Will not darken wood flooring and is non-yellowing
- High-solids content and low VOCs

WHERE TO USE

- Preparing solid, pre-sanded wooden floors, as well as wooden floors requiring repair
- Interior residential (homes, apartments and condominiums)
- Interior commercial (office buildings and cafeterias)
- Interior heavy commercial (shopping malls, grocery stores and department stores)
- Interior athletic (schools, fitness centers, recreational facilities and professional sports centers)

LIMITATIONS

- Before installation, test in a small area to ensure bonding when applying over exotic woods or other woods with a high concentration of oils or tannins.
- Use *Ultracoat Premium Base* only at temperatures between 50°F and 95°F (10°C and 35°C).
- Do not apply on exterior surfaces.
- The humidity level in the wood must be in accordance to industry standards.
- *Ultracoat Premium Base* is not a final wear layer and must be covered with an *Ultracoat* wood-floor finish.

SUITABLE SUBSTRATES

- Properly prepared and sanded solid, engineered and exotic wood flooring

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

- Sand the wood floor according to accepted industry practices to obtain a surface that is smooth and free of oil, grease, wax, silicone and old finishes.
- Thoroughly vacuum off all dust and debris before applying *Ultracoat Premium Base*.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

1. Gently shake Part A in the container for at least 30 seconds.
2. Add the entire contents of Part B to Part A, reseal and shake vigorously for an additional 30 to 60 seconds to ensure that all components are well mixed. Note: At application temperatures greater than 85°F (29°C), dilute the product with 15% water to retard the dry time and increase workability.
3. Let the product stand for 5 to 10 minutes.
4. Once mixed, *Ultracoat Premium Base* can only be used for 4 hours after it has been mixed. After 4 hours of standing, *Ultracoat Premium Base* is reduced in its performance properties and cannot be remixed.

Note: To avoid pressure buildup, do not reseal mixture and store. Dispose of any remaining product in accordance with local, state and federal regulations. Decontaminate the empty Part B bottle before disposal by filling with water, recapping, shaking and then disposing.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Use only clean containers and tools. Do not put leftover mixed quantities of the product back into its original container.
2. Refer to the installation guide "Ultracoat - Wood-floor finishing systems" in the Products for Wood Flooring section of MAPEI's Website.

3. Pour a ribbon of *Ultracoat Premium Base* 4" to 6" (10 to 15 cm) wide directly on the surface of the wood flooring, parallel with the direction of the wood grain.
4. Using a microfiber head on a T-bar applicator, pull the sealer in a direction parallel with the grain of the wood. Maintain a wet edge at all times by holding the applicator at a 45-degree "snow-plow" angle and pulling it to spread the sealer. At the end of each turn, "pad out" the applicator parallel to the wet edge to unload the fill (that is, push out the excess product from the applicator head). Do not leave puddles on the surface after application. Small areas can be reached with a high-quality paintbrush or microfiber trim pad.
5. Screen the surface using a floor-buffing machine equipped with a maroon pad, or a 180- or 220-grit sanding screen. Remove all dust using a high-performance vacuum. Tack-cloth the vacuumed surface to ensure that all dust and debris have been removed.

CLEANUP

- Tools may be cleaned and floor spills may be removed with water while the product is still fresh. Once hardened, the product must be removed mechanically.

PROTECTION

- Avoid walking on the surface of the final finished floor with hard-soled shoes or any footwear that could bring in abrasive debris from the outdoors during the curing period. Do not cover with walk-off paper or plastic sheets for at least 3 days after application.

Product Performance Properties

Laboratory Test	Results
Density	Part A: 1.03 g per mL Part B: 1.075 g per mL
VOC content (SCAQMD Rule 1113)	< 275 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	56 g per L
Brookfield viscosity (mixed)	< 250 cps
Solids content	43% (mixed)
Flash point	> 200°F (93°C)

Shelf Life and Product Characteristics

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Consistency	Liquid
Color	Part A: Milky white (dries clear) Part B: Clear
Storage conditions	65°F to 85°F (18°C to 29°C)
Application temperature range	50°F to 95°F (10°C to 35°C)

Pot life	4 hours
----------	---------

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Packaging

Size
Kit: 1 U.S. gal. (3.79 L)
Part A: 106.7 U.S. oz. (3.16 L)
Part B: 21.3 U.S. oz. (630 mL)

Approximate Coverage*

Size	Coverage
1 U.S. gal. (3.79 L)	400 to 600 sq. ft. (37.2 to 55.7 m ²)

*Coverage may vary based on application techniques.

ADDITIONAL INFORMATION

Refer to the Safety Data Sheet (SDS) for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

Technical Services

U.S. and Puerto Rico:
Flooring: 1-800-992-6273
Concrete and heavy construction: 1-888-365-0614
Canada:
1-800-361-9309

Customer Service

1-800-42-MAPEI (1-800-426-2734)

Edition Date: April 14, 2025 MK 3004620 (24-3396)

For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
All Rights Reserved. © 2025 MAPEI Corporation.

