

ULTRACOAT PREMIUM BASE

Two-component, water-based basecoat, with high isolating capacity, very low emission of volatile organic compounds and no NMP, for Ultracoat water-based finishing cycles on wooden floors



WHERE TO USE

Preparation of solid and pre-sanded wooden floors and floors requiring repair before applying water-based finishing cycles.

TECHNICAL CHARACTERISTICS

Ultracoat Premium Base is a two-component, water-based basecoat characterised by its high isolating capacity, excellent defect-hiding properties, easy buffing and ease of application. Minimises problems caused by overlaps. **Ultracoat Premium Base** has been developed to enhance the colour of wood without creating undesired colour variations in species rich in tannins or other extracts (oak, teak, etc.), which makes it particularly recommended, therefore, for more difficult species of wood to avoid darkening or reddening of the wood.

Thanks to its high content of solid residues, **Ultracoat Premium Base** also allows a single coat of one or two component **Ultracoat** finish to be applied in certain cases, depending on the final use of the floor.

Ultracoat Premium Base contains no solvents or NMP (N-Methylpyrrolidone), and has extremely low emission of volatile organic compounds (VOC).

RECOMMENDATIONS

- Use, store and transport **Ultracoat Premium Base** at temperatures between +10°C and +25°C.
- Do not apply on external surfaces.
- Before use, acclimatise the product to the temperature of the area where it is applied.
- Use only clean containers and tools.
- Environmental conditions and the level of humidity in the wood must comply with current norms and standards.
- Do not put leftover product back into its original container.
- At high temperatures, we recommend diluting the product up to 10% with water or **Ultracoat EL**.

APPLICATION PROCEDURE

Preparation of the substrates

Sand the wooden floor with coarse and medium-grained sandpaper and vacuum off all dust. Grout cracks and irregularities in the surface with **Ultracoat Aqua Plus** or **Ultracoat Binder**, according to the instructions on the relative Technical Data Sheet. Remove all traces of dust after sanding and apply a coat of **Ultracoat Premium Base** with a brush or roller (**Ultracoat Roller T10**).

Apply a second coat of **Ultracoat Premium Base** or **Ultracoat** water-based finish after a minimum of 2 hours and within 5 hours without buffing, or wait 12 hours, buff the surface with an **Ultracoat SR 180/220** disk or **Ultracoat Pad Special**

Stripper, carefully remove all traces of dust and apply a coat of **Ultracoat** water-based finish with a brush or roller (**Ultracoat Roller T5**).

For finishing cycles, follow the instructions on the relative **Technical Data Sheet**.

Preparation of the product

Carefully mix the two components together until they are completely blended. The mix may be diluted with up to 10% of clean water or with **Ultracoat EL** (Directive 2004/42/CE). Let the product stand for 10 minutes before application. The mixture prepared as described above must be applied within 2 hours.

Application of the product

Apply **Ultracoat Premium Base** with a brush or roller (**Ultracoat Roller T10**).

For spray application, dilute with up to 10% water if required.

CLEANING

Clean residues of **Ultracoat Premium Base** from tools with water while the product is still fresh. Once hardened, the product may only be removed mechanically.

CONSUMPTION

80-100 g/m² per coat.

PACKAGING

6 litre kits (A + B).

Protect from freezing weather. For transport at low temperatures, use vehicles with temperature-controlled units.

STORAGE

12 months in its original, sealed packaging in a dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultracoat Premium Base component A is not considered hazardous according to the current regulations regarding the classifications for the mixtures.

Ultracoat Premium Base component B is dangerous if inhaled and is irritant for the respiratory tract. It may cause sensitization if it comes in contact with the skin of subjects sensitive to isocyanates. During use wear protective gloves and goggles and take the usual precautions for handling of chemicals. If the product comes in contact with the eyes or the skin wash immediately with plenty of water and seek medical attention. Wear a suitable device to protect the respiratory system.

Furthermore, **Ultracoat Premium Base** component B is dangerous for the aquatic life, do not dispose of it into the environment.

For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT ONLY FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

	comp. A	comp. B
Consistency:	liquid	liquid
Colour:	milky white	transparent
Density (g/cm ³):	1.030	1.075

APPLICATION DATA (at +23°C and 50% R.H.)

Pot life of mix:	2 hours
Mixing ratio:	comp. A : comp. B = 5 : 1 (by volume)
Maximum permitted dilution ratio (Directive 2004/42/CE):	10% with clean water or with Ultracoat EL
Buffing:	after 12 hours
Varnishing without buffing:	after 2 hours and within 5 hours
Resistance to fire classification*:	B _{fl} s1 - C _{fl} s1

* In combination with **Ultracoat High Traffic**

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

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The most up-to-date TDS can be downloaded from our website www.mapei.com.

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