



MAPEI

Ultracoat Universal Base

One-component, rapid-drying, water-based basecoat for preparing wooden floors with low emission of volatile organic compounds and no NMP



WHERE TO USE

Preparation of solid and pre-sanded wooden floors and floors requiring repair.

TECHNICAL CHARACTERISTICS

Ultracoat Universal Base is a one-component, rapid-drying, water-based basecoat characterised by its excellent defect-hiding properties, ultra-rapid drying, easy buffing and ease of application, reducing problems caused by overlaps.

RECOMMENDATIONS

- When applied on exotic species of wood or wood rich in extracts, we recommend carrying out a preliminary test on a small area or the use of **Ultracoat Premium Base** or **Ultracoat Toning Base**.
- Use, transport and store **Ultracoat Universal 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.
- Do not put leftover quantities of the 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.

After buffing the surface, remove all traces of dust and apply a sufficient quantity of **Ultracoat Universal Base** (80/100 g/m²) in an even coat over the entire surface with a brush or roller (**Ultracoat Roller T10**). Start application of the product in the opposite direction to which the floor was installed and complete application in the same direction. After 2 hours, buff the surface with a **Ultracoat SR 180/220** disk, or **Ultracoat Pad Special Stripper**, or apply the first coat of the finishing cycle without buffing within 5 hours.

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

Preparation of the product

Shake the drum well to thoroughly blend the product. The product may be diluted with up to 10% of clean water or **Ultracoat EL** (Directive 2004/42/CE).

Application of the product

Apply the product with a brush or roller (**Ultracoat Roller T10**).

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

Cleaning

Clean residues of **Ultracoat Universal 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.

Ultracoat Universal Base



| TECHNICAL DATA (typical values) | |
|---|--|
| PRODUCT IDENTITY | |
| Consistency: | liquid |
| Colour: | transparent |
| Density (g/cm ³): | 1.020 |
| APPLICATION DATA (at +23°C and 50% R.H.) | |
| Maximum permitted dilution ratio (Dir. CE 2004/42): | 10% with clean water or with Ultracoat EL |
| Sanding: | after 2 hours |
| Varnishing without buffing (for cycles with three coats): | after 2 hours and within 5 hours |

PACKAGING

5 litre drums.

STORAGE

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

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultracoat Universal Base is not considered hazardous according to the current regulations regarding the classification of mixtures. It is recommended to wear protective gloves and goggles, and to take the usual precautions for handling chemical products.

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

PRODUCT FOR PROFESSIONAL USE.

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

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 or replace requirements per the TDS in force at the time of the MAPEI product installation.

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

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.



All relevant references for the product are available upon request and from www.mapei.com



BUILDING THE FUTURE