



# Ultracoat Easy Plus

**One-component, water-based, 100% polyurethane varnish with high resistance to wear and abrasion for wooden floors (EMICODE EC1) with very low emission of volatile organic compounds. Suitable for floors subject to medium-high foot traffic**



## WHERE TO USE

Highly protective, wear and abrasion-resistant finish for solid and pre-sanded wooden floors and wooden floors requiring repair. Suitable for use in civil and commercial environments subject to high foot traffic.

## TECHNICAL CHARACTERISTICS

**Ultracoat Easy Plus** is a one-component, water-based varnish formulated with 100% aliphatic polyurethane resins and a self-reticulating hardening system which considerably increases its resistance to abrasion and scuff marks from rubber-soled shoes. It is also characterised by its high transparency and excellent covering properties. The transparency of the product and the warm tone it gives to wooden floors are unlike traditional water-based products.

**Ultracoat Easy Plus** is available in 10 gloss - 30 gloss - 60 gloss.

## RECOMMENDATIONS

- Do not use **Ultracoat Easy Plus** at temperatures lower than +10°C.
- Do not use on external surfaces.
- Do not use as a finishing coat on wooden floors subject to particularly high foot traffic (public offices, shopping centres, airports, etc.).
- Use only clean containers and tools.
- On types of wood with a high content of extracts, we recommend checking that the product is compatible or applying **Ultracoat Universal Base** or **Ultracoat Premium Base** as a first coat.
- Completely remove all traces of previous treatments in order to obtain an even finish.
- Protect treated surfaces from direct sunlight and draughts for the first 3 hours after application.
- Do not put leftover quantities of the product back into its original container.
- Once opened, the contents of each canister must be applied as quickly as possible. At high temperatures, we recommend diluting the product with 10% (Dir. 2004/42/ECC) water or with **Ultracoat EL**.

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

## Preparation of the product

**Ultracoat Easy Plus** is supplied ready to use. Shake the product before use, insert the filter in the cap of the can and pour the product into the special basin. Remove the filter from the cap before closing the canister and rinse it thoroughly with clean water. Leave the product to stand for 5-10 minutes before applying.

## Application of the product

Sand wooden floors with coarse and medium-grained sandpaper and remove all traces of dust with a vacuum cleaner. Grout cracks and irregularities in the surface with **Ultracoat Aqua Plus** or **Ultracoat Binder**, according to the instructions contained in the product's relative Technical Data Sheet. Remove all traces of dust after buffing.

Apply a first, even coat of **Ultracoat Easy Plus** or a base coat of **Ultracoat Universal Base** or **Ultracoat Premium Base** with a roller (**Ultracoat Roller Plus**).

If **Ultracoat Easy Plus** is used for the first coat, buff the surface after 8 hours with an **Ultracoat SR 180/220** abrasive disk. If a base coat of **Ultracoat Universal Base** or **Ultracoat Premium Base** has been applied, proceed according to the instructions contained in the product's relative Technical Data Sheet.

Then carefully remove all traces of dust and apply the second coat of **Ultracoat Easy Plus**. If a three-layer cycle is required, apply the final coat after **at least 2 hours and within 5 hours without buffing**. If successive coats are applied after more than 5 hours, buff the surface again prior to application.

## Cleaning

Clean tools and remove residues of **Ultracoat Easy Plus** with water while the product is still fresh. Once hardened, the product may only be removed mechanically.

# Ultracoat Easy Plus



TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY</b>	
Consistency:	liquid
Colour:	milky white
Viscosity (Ø3 Ford cup):	40 ± 1 sec (10 gloss) - 35 ± 1 (30 gloss) - 32 ± 1 (60 gloss)
Density (g/cm <sup>3</sup> ):	1.045 ± 0.005 (10 gloss) - 1.040 ± 0.005 (30 gloss) - 1.038 ± 0.005 (60 gloss)
EMICODE:	EC1 - very low emission
<b>APPLICATION DATA (at +23°C and 50% R.H.)</b>	
Dust dry:	20 min.
Touch dry:	35-40 min.
Maximum permitted dilution ratio (Dir. 004/42/EEC):	10% with clean water or <b>Ultracoat EL</b>
Buffing:	after 8 hours
Varnishing without buffing:	after 2 hours and within 5 hours
Ready for service:	36-48 hours
<b>FINAL PERFORMANCE</b>	
Bonding (checker-work) Önorm C 2354:	C
Abrasion resistance (Taber test - 1000 revs, 1000 g, CS10 disk):	18 mg
Chemical resistance Önorm C 2354:	1 B
Elasticity Önorm C 2354:	1 C
Gloss factor:	(10 gloss - 30 gloss - 60 gloss)

### CONSUMPTION

First coat 80-100 ml/m<sup>2</sup>; successive coats 50-70 ml/m<sup>2</sup>.

### PACKAGING

5 litre canisters.

### STORAGE

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

### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Ultracoat Easy Plus** is not considered hazardous according to current norms regarding the classification of mixtures. However, we recommend 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 the latest version of our 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](http://www.mapei.com)**



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gesellschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.



**Our Commitment To The Environment**  
MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

**All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)**



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