



# Ultracoat P915

**Single component, water-based polyurethane varnish, with extremely low emission levels of volatile organic compounds (VOC) and no NMP, highly resistant to wear and abrasion, for wooden floors. Suitable for floors subject to frequent pedestrian use**



## WHERE TO USE

Highly protective and wear and abrasion-resistant finish on traditional and pre-sanded wooden floors, and on wooden floors requiring repair. It may be used in civil and commercial environments subject to high pedestrian use.

## TECHNICAL CHARACTERISTICS

**Ultracoat P915** is a single component water-based varnish with aliphatic polyurethane-polycarbonate resin modified with poly-acrylate, characterised by its excellent resistance to abrasion and skid marks, high transparency and high covering properties.

It leaves a different finish compared with conventional water-based products, in that it is transparent and leaves a warm-coloured finish to the wood.

**Ultracoat 915** is solvent-free and contains no NMP (N-methyl-pyrrolidone) and has an extremely low emission level of volatile organic compounds (VOC).

**Ultracoat P915** is available in extra opaque (10 gloss - **Ultracoat P915/T**), opaque (30 gloss - **Ultracoat P915/O**) and satin finish (60 gloss - **Ultracoat P915/S**).

## RECOMMENDATIONS

- Do not use **Ultracoat P915** at temperatures lower than +10°C.
- Do not use on external surfaces.
- Do not use as a finishing coat on wooden floors subject to extremely high pedestrian use (public offices, shopping centres, airports, etc.).
- Before use, acclimatise the product to the temperature of the area where it is applied.
- Use only clean containers and tools.
- On types of wood with a high content of extracts, we recommend checking that the product is compatible and applying a base coat of **Ultracoat P920 2K** or **Ultracoat P920 S-T**.
- Completely remove all traces of previous treatments in order to obtain an even finish.
- Environmental conditions and residual humidity in the wood when it is laid must conform to current norms and standards.

- Protect treated surfaces from direct sunlight and draughts for the first 3 hours after application.
- Do not use different batches of the product in the same area, or in adjacent areas.
- Do not put leftover quantities of the product back into its original container.
- Once opened, each canister must be applied as quickly as possible. In high temperatures, we recommend diluting the product with 10% water or with **Ultracoat EL**.

## APPLICATION PROCEDURE

### Preparation of the substrate

Sand the floor with large and medium-grained sandpaper, and vacuum off all dust. Grout cracks and irregularities in the surface with **Ultracoat Acqua Plus** or **Ultracoat LS**, according to instructions contained in the relative product's Technical Data Sheet.

Remove all traces of dust after sanding.

### Preparation of the product

**Ultracoat P915** is ready to use. Shake the product before use, insert the filter in the cap of the can and pour the product in the special basin. Remove the filter from the cap before closing the canister, and clean it with water. Leave the product to stand for 5-10 minutes before applying. The product may be diluted with up to 10% of clean water or with **Ultracoat EL** (Directive 2004/42/CEE).

### Application of the product

Apply a first, even coat of **Ultracoat P915** with a brush or a roller (**Ultracoat Roller Finish**). After 3-5 hours, apply the second coat. After 8 hours, sand the surface with **Ultracoat SR180/220** mesh, vacuum off all the dust and apply another coat of **Ultracoat P915** varnish. As an alternative, a water-based coat of **Ultracoat P920 2K** or **Ultracoat P920 S-T** may be applied as the first coat, according to the instructions and times indicated on the product's Technical Data Sheet.

### Cleaning

Tools and residues of **Ultracoat P915** may be removed with

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## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

<b>Consistency:</b>	liquid
<b>Colour:</b>	transparent
<b>Density (g/cm³):</b>	1.045
<b>Storage:</b>	12 months
<b>Hazard classification according to EC 1999/45:</b>	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
<b>Customs class:</b>	3209 90 00

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

<b>Dusty dry:</b>	20 minutes
<b>Set to the touch:</b>	35-40 minutes
<b>Maximum permitted dilution ratio (Dir. 2004/42/CEE):</b>	10% with clean water or with <b>Ultracoat EL</b>
<b>Sanding:</b>	after 8 hours
<b>Varnishing without sanding:</b>	after 2 hours, and within a maximum of 5 hours
<b>Ready for use:</b>	36-48 hours

### FINAL PERFORMANCE

<b>Bonding (checker-work) (%):</b>	100
<b>Abrasion resistance (Taber test - 1000 revs, 1000 g, CS10 disk):</b>	18 mg
<b>Gloss factor:</b>	extra opaque (10 gloss - <b>Ultracoat P915/T</b> ) opaque (30 gloss - <b>Ultracoat P915/O</b> ) satin (60 gloss - <b>Ultracoat P915/S</b> )

water while the product is still fresh. Once hardened, the product must be removed mechanically.

### CONSUMPTION

70-90 g/m² per coat.

On using **Ultracoat P920 2K** and **Ultracoat P920 S-T** base coats the required consumption is reduced to 50/60 g/m² for each coat.

### PACKAGING

5 litre canisters.

### STORAGE

12 months in its original packaging in a dry place.

### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Ultramastic P915** is not considered hazardous according to current norms and guidelines regarding the classification of preparations. However, we recommend the use of protective gloves and goggles, and to take the usual precautions for handling chemical products. The safety data sheet is available upon request for professional users.

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

### PRODUCT FOR PROFESSIONAL USE.

#### WARNING

*While the indications and guidelines contained in this data sheet correspond to the company's knowledge and wide experience, they must be considered, under all circumstances, merely as an indication and subject to confirmation only after long-term, practical applications. Therefore, anybody who undertakes to use this product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held responsible for any consequences deriving from its use.*

Please refer to the current version of the Technical Data Sheet, available from our web site [www.mapei.com](http://www.mapei.com)



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

