



# Ultracoat P920 2K

**Two-component water-based base coat, with an extremely low emission level of volatile organic compounds (VOC) and no NMP, for wooden floors**



## WHERE TO USE

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

## TECHNICAL CHARACTERISTICS

**Ultracoat P920 2K** is a two-component water-based product characterised by its high isolating and covering properties, easy sanding, easy application and quick drying. Reduces the problem of overlaps.

**Ultracoat P920 2K** has been developed to stain wood without causing unsightly colour variations on wood rich in tannin and other extracts (such as oak, teak, etc.).

Therefore, it is particularly suitable for more difficult types of wood to avoid them becoming darker or redder.

**Ultracoat P920 2K** contains a high level of residual solids, and when used in combination with

**Ultracoat P925** two-component, water-based varnish, it may be applied in two coats.

If single component water-based **Ultracoat P915** varnish is used, we recommend applying the cycle in three coats.

**Ultracoat 920 2K** is solvent-free and contains no NMP (N-methyl-pyrrolidone) and has an extremely low emission level of volatile organic compounds (VOC).

## RECOMMENDATIONS

- Do not use **Ultracoat P920 2K** at temperatures lower than 10°C.
- Do not use 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 residual humidity in the wood when it is laid must conform to current norms and standards.
- Do not put leftover quantities of the product back into its original container.

- In high temperatures, we recommend diluting the product with 10% water.

## 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

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

### Application of the product

Apply **Ultracoat P920 2K** using a brush or a roller.

Recommended cycles:

#### a) FINISHING COAT WITH TWO-COMPONENT WATER-BASED VARNISH

Apply a coat of **Ultracoat P920 2K**. After 12 hours, sand the surface with **Ultracoat SR180/220** mesh, carefully remove all dust and apply a coat of two-component water-based varnish (for example **Ultracoat P925** or **Ultracoat P925S**).

#### b) FINISHING COAT WITH SINGLE COMPONENT WATER-BASED VARNISH

Apply a coat of **Ultracoat P920 2K**. After 2 hours, apply a coat of single component water-based

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## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

	comp. A:	comp. B
<b>Consistency:</b>	liquid	liquid
<b>Colour:</b>	transparent	whitish
<b>Density (g/cm³):</b>	1.030	1.075
<b>Storage:</b>	12 months	
<b>Hazard classification according to EC 1999/45:</b>	none	irritant. 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 10 00	

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

<b>Pot life of mix:</b>	2 hours
<b>Mixing ratio:</b>	comp. A : comp. B = 5 : 1 (in volume)
<b>Maximum permitted dilution ratio (Directive 2004/42/CEE):</b>	10% with clean water
<b>Sanding:</b>	after 12 hours
<b>Varnishing (without sanding):</b>	after 2 hours, and within a maximum of 5 hours

varnish (for example **Ultracoat P9150** or **Ultracoat P915S**). Apply the finishing coat the following day after sanding the surface with **Ultracoat SR 220** mesh.

### Cleaning

Tools and residues of **Ultracoat P920 2K** may be cleaned with water while the product is still fresh. Once hardened, the product must be removed mechanically.

### CONSUMPTION

80-100 g/m² per coat.

### PACKAGING

6 litre kits (A+B).

### STORAGE

12 months in its original packaging in a dry place.

### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Ultracoat P920 2K** comp. B is an irritant, and may provoke rashes in those subjects allergic to such products. When mixing and applying the product, we recommend using protective gloves and goggles. Further information is available in the product's 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.*



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