

Ultracoat Acqua Plus

Solvent-free, water-based binder with extremely low emission levels of volatile organic compounds (VOC) and no NMP, to be mixed with sawdust for grouting wooden floors. Suitable for water-based varnishing cycles



WHERE TO USE:

Grouting and preparing traditional and pre-sanded wooden floors and wooden floors requiring repair.

TECHNICAL CHARACTERISTICS

Ultracoat Acqua Plus is a single component binder used specifically to prepare grout for water-based systems.

It's extremely high wetting properties, low viscosity and high bonding power form a grouting mix with a high content of residual solids, while being characterised by excellent workability which may be maintained for a long time. Grout which is prepared and not completely used may be stored for a number of days in a sealed plastic tub without losing its good trowelling characteristics.

When **Ultracoat Acqua Plus** is blended with sawdust, it has excellent bonding and filling capacities and is easy and quick to sand down.

Ultracoat Acqua Plus 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 Acqua Plus** to prepare grout with sawdust from Merbau wood.
- We recommend against using grout made with **Ultracoat Acqua Plus** if solvent-based coats and varnishes are to be applied, because they could remove or shrink the product, especially in large cracks.
- Do not use **Ultracoat Acqua Plus** 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.
- Check that the product is compatible (colour, oil, resin and other substances) for wood types with a high content of extracts.
- Environmental conditions and residual humidity in the wood when it is laid must conform to current norms and standards.

APPLICATION PROCEDURE

Preparation of the substrate

Sand the wooden floor with medium and large-grained sandpaper to obtain a surface which is smooth and free of oil, grease, wax, silicone and old varnish. Before applying grout prepared using **Ultracoat Acqua Plus**, vacuum off all dust. The humidity level in the wood must be according to current norms and standards.

Preparation of the product

Prepare the grout by mixing **Ultracoat Acqua Plus** with the sawdust given off during sanding (mixing ratio **Ultracoat Acqua Plus**: sawdust = 3-4 : 1) until a smooth paste is obtained. The thixotropic consistency of the grout depends on the size of the defects to be filled, or if the floor is pre-sanded or a floor requiring repair.

Application of the product

Seal the entire surface of the floor by applying **Ultracoat Acqua Plus** with a stainless steel or plastic trowel, forcing as much grout into the cracks as possible. Do not leave large residues of grout on the surface, since they require a long time to dry out. The average waiting time before sanding is 1 hour, and this time varies according to the size of the cracks and the surrounding environmental conditions. Once dry, sand the surface using **Ultracoat SR 120** mesh.

Ultracoat Acqua Plus



TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	liquid gel
Colour:	whitish
Density (g/cm³):	1.0
Brookfield Viscosity (mPa·s):	10,000
Storage:	12 months
Hazard classification according to EC 1999/45:	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Customs class:	3209 10 00

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

Application temperature range:	from 10°C to 35°C
Sanding:	after approx. 1 hour
Varnishing:	the surface may be varnished over after 3 hours, and within a maximum of 5 hours, with water-based varnish

For large defects and cracks, or if applied on small parquet blocks (such as mosaic), a second application of **Ultracoat Acqua Plus** may be required once the first coat has hardened. The second coat of grout may be applied either before or after sanding, depending on the size of parquet slats or blocks used and the amount of excess material after the first coat.

Cleaning

Tools and residues of **Ultracoat Acqua Plus** may be removed with water while the product is still fresh. Once hardened, the product must be removed mechanically.

CONSUMPTION

100-120 g/m² per coat.

PACKAGING

5 litre canisters.

STORAGE

12 months in its original packaging in a dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultracoat Acqua Plus is not considered a hazardous substance 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.

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