MAPEI

Ultrabond P-R9



Single component, moisture curing, expansive polyurethane adhesive used by injection, for fastening and repairing parquet flooring which is not perfectly bonded to the substrate

WHERE TO USE

Fastening and repairing parquet flooring which is not perfectly bonded to the substrate. It may also be used indoors on pre-finished and painted wooden floors, both before and after sanding. Take care when applying the product.

TECHNICAL CHARACTERISTICS

Ultrabond P-R9 is a polyurethane resin-based, moisture curing adhesive with the following characteristics:

- single component, ready to use;
- high expansive capacity;
- high filling capacity;
- does not contain solvents or substances which give off unpleasant odours.

Once the product has been injected and has completely hardened, it forms a tough, long-lasting bond, and both the loose parquet floor elements and those adjacent to them are firmly fixed to the substrate. This also eliminates hollow noises created when walking on the floor.

RECOMMENDATIONS

- Do not use **Ultrabond P-R9** for external applications.
- Do not use **Ultrabond P-R9** at temperatures lower than +10°C.
- Before use, the product should be fully aclimatised in the area where it is to be applied.
- After use, make sure the canister is well sealed. Once opened, the product must be used as soon as possible. If too much time passes between the first time the product is used and the second time, it may harden due to the amount of air in the canister.

APPLICATION PROCEDURE

Preparation of the substrate

Drill a 2-3 mm diameter hole in correspondence with the ends of the parquet flooring to be repaired. In the case of painted or pre-finished parquet, protect the area to be repaired and the joints in the flooring using masking tape, then drill the 2 mm hole.

Preparation of the product

Ultrabond P-R9 is ready to use. Cut off the tip of the nozzle so that it matches the drilled hole. The upper part of the tip may be used again to seal the nozzle.

Application of the product

Inject 2-3 drops of water into the hole, and after a couple of minutes, 1-2 ml of **Ultrabond P-R9**. Use the product at temperatures above +10°C. The resin expands during the hardening phase. Therefore, we recommend applying weights on the area treated to avoid the parquet flooring still to be repaired from moving. Do not inject too much product into the hole. After hardening, remove any excess product which seeps from the holes using a blade. In the case of rough or polished floors, grout the hole with **Ultracoat Aqua-Plus** or **Ultracoat Binder** mixed with sawdust. When repairing pre-finished or pre-varnished parquet, touch-up or seal the hole with a suitably-coloured wax stick.

Cleaning

Residues of **Ultrabond P-R9** must be removed from pre-finished and varnished floors while still fresh using **Cleaner L**. Tools must be cleaned using **Pulicol 2000**. Once hardened, the product must be cleaned off by mechanical means, taking care to avoid damaging the surface of the parquet.

CONSUMPTION

1-2 ml injected into each hole.

Ultrabond P-R9



TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	liquid
Colour:	brown
Volume mass (g/cm³):	1.1
Dry solids content (%):	100
Brookfield viscosity at +23°C (mPa·s):	4,500 (rotor 3 - 20 rpm)
APPLICATION DATA (at +23°C and 50% R.H.)	
Application temperature range:	from +10°C to +30°C
Step-on time:	24 hours
Sanding:	after 24 hours

PACKAGING
0.5 kg canisters.

STORAGE
Ultrabond P-R9 remains stable for at least 12 months under normal environmental conditions in its original, sealed packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Ultrabond P-R9 irritates the eyes, the skin and the respiratory tract. Frequent contact with the skin may cause an allergic reaction in those sensitive to isocyanates. It may also cause irreversible damage if used for long periods. The product may become hazardous and cause sensitisation if inhaled at temperatures above +60°C. In the event of sickness seek medical attention. When applying the product, we recommended using protective clothing, gloves, safety goggles, a safety mask to protect the respiratory system. Make sure all areas are well ventilated during application. If the product comes into contact with the eyes or skin, wash immediately with plenty of water and seek medical attention.
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

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

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