

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 smells.

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, bring the product to the same temperature as in the areas 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 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 Acqua-Plus** or **Ultracoat L-S** 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 **Thinner PU**. 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)
Storage:	12 months in its original packaging. Protect from freezing weather
Hazard classification according to EC 1999/45:	hazardous. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Customs class:	3214 90 00

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 may irritate the eyes, the skin and the respiratory tract. Repeated contact with the skin may cause allergic reactions to those who are sensible to isocyanates. When handling avoid contact with the skin and eyes by always wearing protective gloves and goggles during preparation and use. Use in well-ventilated areas. If applied at temperatures higher than +60°C it may be harmful and sensitizing if inhaled. In case of emergency seek medical attention.

For further information consult the Safety Data Sheet

THIS PRODUCT MUST BE USED EXCLUSIVELY BY PROFESSIONAL PERSONNEL.

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



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