



Adesivil D3

Solvent-free water-resistant adhesive for prefinished floating wood or laminate floors



WHERE TO USE

- Bonding of tongue-and-groove prefinished wood sections.
- Bonding of tongue-and-groove laminates and particleboard panels.
- Bonding in general of small sections of wood and DIY.
- Bonding of external door and window frames and kitchen and bathroom cabinets exposed to wetting.

TECHNICAL CHARACTERISTICS

Adesivil D3 is an adhesive based on vinyl acetate resins dispersed in water that contains no solvents or other hazardous materials. It can therefore be used with no risk to health and can be stored without special precautions.

Adesivil D3 is fast setting and when completely dry forms a transparent water-resistant film that is classed as D3 according to EN 204/205.

Adesivil D3 provides excellent adhesion (even when heat-bonded) and resistance to static loads even over long periods of time.

RECOMMENDATIONS

- Do not use at temperatures below +15°C.
- Do not dilute with water.
- Do not use for bonding wood directly onto the substrate. Use the MAPEI products specially formulated for the installation of parquet floors.

APPLICATION PROCEDURE

Adesivil D3 comes in convenient bottles fitted with a special adjustable tip shaped to regulate the amount applied.

Apply a sufficient quantity of **Adesivil D3** to the groove end of the flooring section to wet it thoroughly. Insert the next section before the adhesive dries

(5 to 10 minutes) and push together firmly. Any excess adhesive must be removed immediately with a wet cloth. Flooring is ready for traffic after approx. 12 to 24 hours, whereas the adhesive is completely dry in 24 to 48 hours, depending on the ambient temperature and the absorbency of the wood.

COVERAGE

Approx. 0.025 kg/linear metre (0.1-0.2 kg/m² if used for bonding wood sections).

Cleaning

While still wet, **Adesivil D3** can be cleaned from wood, hands and clothing with water. When dry it can be removed with a cloth soaked in solvent.

PACKAGING

Adesivil D3 is available in 500 g bottles.

STORAGE

Avoid exposure to frost during shipping and storage, and prolonged exposure at temperatures below +5°C. In normal environments and in its original sealed packaging, **Adesivil D3** is stable for 24 months.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Adesivil D3 is not considered as dangerous according to the European regulation regarding the classification of preparations. It is however recommended to use gloves, eye protection and to take the usual precaution taken when handling chemical products.

The Safety Data Sheet is available upon request for professional users.

Adesivil D3



Applying Adesivil D3 with a roller to bond wood sections



Bonding wood window frames for exteriors



Applying Adesivil D3 to the grooved section of laminate flooring



TECHNICAL DATA (typical values)

PRODUCT IDENTIFICATION

Consistency:	low viscosity paste
Colour:	white
Dry film:	transparent
Density (g/cm³):	1.1
pH:	3
Brookfield viscosity (mPa·s):	15 (# 3 - 20 RPM)
Dry solids content (%):	52
Storage:	24 months in original sealed packaging. Protect from frost.
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 packing and Safety Data Sheet
Customs class:	3506 91 00

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

Temperature application range:	from +15°C to +35°C
Open time:	5-10 minutes
Ready for traffic:	approx. 12-24 hours
Final hardening:	approx. 24-48 hours
Resistance to water (EN 204-205)	
– Class:	D3
– Adhesion: (No. 4 test: 7 days at +23°C + 4 days in water + 7 days at +23°C) (N/mm²):	> 8

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this 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 applications; 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.

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



Placing tongue-and-groove sections of laminate flooring

