

# ADESIVIL D3

Solvent-free water-resistant vinyl adhesive for floors in pre-finishes wood or rigid, melamine and laminated amino-plastic



## 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 water.

## 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 approximately 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.



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



Placing tongue-and-groove sections of laminate flooring

## CONSUMPTION

Approx. 0.025 kg/linear metre (0.1-0.2 kg/m<sup>2</sup> 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 dangerous according to the current regulations regarding the classification of mixtures. It is however recommended to use protective gloves and goggles and to take the usual precautions for handling chemicals. 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.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Consistency:	thick liquid
Colour:	white
Dry film:	transparent
Density (g/cm <sup>3</sup> ):	1.1
pH:	3
Brookfield viscosity (mPa·s):	15 (# 3 - 20 RPM)
Dry solids content (%):	52
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 (according to EN 204-205) – Class: – Adhesion (No. 4 test: 7 days at +23°C + 4 days in water + 7 days at +23°C) (N/mm <sup>2</sup> ):	D3 > 8

## 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](http://www.mapei.com)

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