

# NOVACOL KR D3

## Bonding adhesive for wooden surfaces

- ▷ **Suitable for furniture and laminate floors**
- ▷ **Free of solvents**
- ▷ **Transparent effect when dry**
- ▷ **Ideal for indoor applications**

### Description

NOVACOL KR D3 is a pasty polyvinyl adhesive for wood coatings. It is simple to apply and sets quickly, resulting in a transparent and waterproof bond. Its chemical composition is water-based, with no solvents or hazardous components to impose on the end user.

### Uses

NOVACOL KR D3 is suitable for:

- Surface bonding of all types of wood coatings such as MDF, hard or soft boards, plywood
- lamination of a hard plastic sheet (HPL, Formica, Duropal, Resopal) on a wooden surface
- Grouting wooden boards
- Perimeter welding of laminate floors and wooden parquets
- Wood welding in minor repairs

## Technical Data

### Product Identity

Form	Paste
Color	White
Chemical substance	Polyvinyl acetate dispersion
Bulk density	1.1 ± 0.1 kg/L
Storage	12 months on dry area in the original sealed packaging

**Application data (+23°C & 50% R.H.)**

Mixing ratio	ready to use
Application temperature	from +10°C up to +35°C
Open time	6 - 10 min
Dilution with water	max 3%
Classification according to EN 204	D3
Solids content	50%
Pressure	2 – 5 kg/cm <sup>2</sup>
Final strengths	12 - 48 hours

**Final Performances according to EN 204:2016**

	<b>Performance</b>
Adhesive strength 7 days in standard atmosphere	≥ 10 N/mm <sup>2</sup>
Adhesive strength	≥ 8 N/mm <sup>2</sup>
7 days in standard atmosphere*	
4 days in water at ( 20 ± 5) °C	
7 days in standard atmosphere	

\* standard atmosphere = (23 ± 2)°C & (50 ± 5) % relative humidity

**Application Procedure****Substrate Preparation**

The surfaces to be welded must be clean and dry. Remove greasy dirt with a suitable cleaner such as NOVATHINNER.

**Application**

Apply the adhesive with a notched trowel, brush or roller to one or both parts to be welded and apply pressure for a few minutes (30-60min). The desired pressure is 2-5 kg/cm<sup>2</sup>. The amount of adhesive applied should be sufficient to ensure complete bonding between the surfaces. Excess glue is removed with a damp cloth while it is still wet. Surfaces are ready for use within 12-48 hours, depending on the application and ambient temperature and humidity conditions.

## Recommendations

Avoid using NOVACOL KR D3:

- In cases where the substrate and environment temperature is less than +10°C or higher than +35°C

Also note the following:

- Protect the surface from rain and frost for the first 24 hours
- Do not mix with other materials
- Do not add more than 3% of water
- Application should be performed by professional skilled workers

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## Consumption

Bonding : 30 – 200 g/m<sup>2</sup> depending on the quality of the wood

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## Cleaning

Tools, buckets, tiles etc. can be cleaned with fresh and clean water as long as, NOVACOL KR D3 is still fresh. After hardening occurs, cleaning can take place by mechanical means.

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## Storage

NOVACOL KR D3 remains stable for 12 months from production date inside its original sealed packaging, stored in protected dry area in temperature between +5°C and +35°C.

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## Packaging

Bucket of 1 & 5 kg.

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## Safety Instructions

For information and instructions regarding disposal and safe handling, users should refer to the latest Safety Data Sheet of the product containing ecological, toxicological and other safety related data.

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## Legal notes

The technical data and recommendations contained or listed in this leaflet are the result of laboratory measurements, of our current knowledge and experience. All the above-mentioned information and specifications should in any case be considered as indicative, as they may differ from each other. The Company makes every effort to ensure the accuracy of the information provided herein. Product specifications, prices and availability are subject to change without notice and may differ from those shown.

In practice, variations in materials, substrates and on-site implementation conditions are such that no warranty can be given or implied as to the merchantability or suitability of the materials for a particular purpose and for the exact conditions of each project. Anyone interested of using the product must be sure beforehand that the product is suitable for the intended use and in any case, the user is solely responsible for any consequences due to the use of the product. Among other things, the Company is not responsible for any normal wear or tear from environmental or other inappropriate conditions. We reserve the right to revise or change the data herein without prior notice.

Restrictions and disclaimers apply to the extent permitted by applicable law. The Company has a Technical Support Department, which is the only one responsible for providing technical advice and solutions to deal with problems. Requests to the Technical Support Department are addressed and answered, only in writing.

For the latest and a valid version of the Technical Data Sheet, the user of the material must refer to our website [www.novamix.gr](http://www.novamix.gr) or directly to the QR Code of the product.



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