



H.B. Fuller

Woodworking
Adhesives

RAKOLL® ECO 3

One component PVAc based D3 adhesive

RAKOLL® ECO 3 is a one component polyvinylacetate (PVAc) based D3 adhesive that has been specifically developed to fulfil the market need for low formaldehyde bonding in flat lamination applications.

RAKOLL® ECO 3 PVAc adhesive is allowing customers to successfully achieve the technology transfer from ureaformaldehyde adhesives to vinylacetate based adhesives whilst maintaining the required high bonding performance.

The performance of **RAKOLL® ECO 3** PVAc adhesive is very versatile and delivers high performance for furniture production, parquet flooring, door production and solid wood bonding.

RAKOLL® ECO 3 PVAc adhesive can be used for cold, hot, high frequency and short cycle presses.





Advantages of Rakoll® ECO 3 compared to ureaformaldehyde adhesives:

Improved Mileage	Customers can typically reduce their adhesive consumption by up to 30%.
Energy savings through lower press temperatures	Compared to ureaformaldehyde adhesives that traditionally require higher press temperatures, RAKOLL® ECO 3 PVAc adhesive requires lower press temperatures of approximately 70°C, resulting in energy savings.
Shorter pressing time	At 70°C a shortened pressing time of only 40 seconds is required for for common veneers, compared to 60-90 seconds with ureaformaldehyde adhesives.
One component adhesive	No need for mixing machines: - Investment savings - Reduced waste - Eliminates mixing time
Versatility	RAKOLL® ECO 3 PVAc adhesive is used for cold and warm pressing and can also be used on difficult to bond woods.
Flexible glued joint	PVAc glues are thermoplastic systems and the cured glued joints remain significantly more flexible than with duroplastic systems like ureaformaldehyde adhesives.
Environment	No solvents or formaldehydes are used for the production of RAKOLL® ECO 3 PVAc adhesive.

Typical applications

- Flat lamination of HPL
- Flat lamination of Paper and veneer
- Millwork
- Edge/face gluing
- Finger jointing
- Window scantling

Collaborating for Greater Success

With the full strength of our innovation, performance and knowledge behind you, H.B. Fuller works tirelessly to invent new products and tailor formulations to help you achieve greater success.

As your focused partner, H.B. Fuller delivers the technical support and value adding solutions you need. Do you have a specific challenge that H.B. Fuller can help you navigate? We're eager to be your partner for adhesives and solutions.

Our Focus is Clear. Perfecting Adhesives.

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