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## Solid wood bonding

### First-class bonds with certificate

Whether for lamination of window frames, or their finger-jointing, or for the assembly of edge-bonded panels or multiply panels – our new dispersion adhesives with quality certificates (EN 204/205 or KOMO) ensure first-class bonding.

When used for three-layer or multiply parquet, the new dispersion adhesives **Jowacoll® 102.26** and **Jowacoll® 102.70** show what they can do. These products represent a true alternative to the conventional UF resins. An assembly which is low in formaldehyde (ecologically safe



*Jowat adhesives provide outstanding bonds for a variety of solid wood applications.*

parquet), adhesive consumption reduced by 20 % per m<sup>2</sup>, markedly reduced pressing times and an elastic bondline - these are the major advantages of the reactive dispersions mentioned.

**Jowacoll® 102.70** used as one-component product will meet durability

group D3 requirements under EN 204, while **Jowacoll® 102.26** as well as **Jowacoll® 102.70** meet D4 requirements when the corresponding crosslinker or hardener is added.

When testing **Jowacoll® 102.26** with crosslinker **195.35** for heat resistance in accordance to the


"Watt 91" procedure, tensile strength data of > 7 N/mm<sup>2</sup> at 80 °C are achieved.



*Application example Jowacoll® 102.70.*



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 <b>Technical properties of selected reactive Jowacoll® dispersion adhesives</b>					
Jowacoll® reactive dispersion	Type	EN 204	Watt 91 >7 N/mm <sup>2</sup>	Viscosity in mPas	Test institute
102.20 + 195.30	2-component	D4	yes	approx. 8.000	ift Rosenheim, Stolbud, SHR (Komo)
102.26 + 195.35	2-component	D4	yes	approx. 8.000	ift Rosenheim, SIIR (Komo)
102.70	1-component	D3	not tested	approx. 13.500	ift Rosenheim
102.70 + 195.40	2-component	D4	not tested	approx. 13.500	
104.70	1-component	D3	not tested	approx. 6.500	ift Rosenheim
104.70 + 195.40	2-component	D4	not tested	approx. 7.000	
107.00	1-component	D4	not tested	approx. 6.000	ift Rosenheim

## More than adhesive – First-class bonding