



Jowacoll® 102.50



Powerful EPI adhesive for durable bonding

Very high resistance to water and temperature

Good adhesion to hard, tropical or chemically treated wood

Hard bondline facilitates superior bonding of molded parts

Jowacoll® 102.50 and the crosslinking agent **Jowat® 195.60** form a two-component EPI system (emulsion polymerized isocyanate) which provides high-strength and durable bonding results. This dispersion adhesive facilitates the manufacturing of reliable and permanent bonded assemblies also under extreme weathering conditions. Its resistance to water as well as to dry heat is of special significance in this regard and has been demonstrated by the high strength data achieved in tests according to the standards EN 204 and EN 14257. **Jowacoll® 102.50** has a wide range of bonding applications, for example:

- treated wood such as Accoya® or thermally treated wood
- hardwood and wood with high resin content
- tropical wood species, e.g. teak and meranti
- wood with increased moisture content of up to 15%
- gluing of molded parts
- bonding for outdoor applications with appropriate surface protection

The range of wood species which can be bonded with this adhesive is therefore virtually unlimited. In addition, **Jowacoll® 102.50** dries fast and ensures short setting times when bonding wood species with low moisture absorption capacity. Another application in which **Jowacoll® 102.50** impresses is the gluing of molded parts. The very hard bondline can withstand high tension forces and helps maintain the shape of the assembly.



Jowacoll® 102.50 (with 15 % Jowat® 195.60)

Viscosity at 20°C	[mPas]	~ 11.000
Solids content	[%]	~ 60
Density	[g/cm³]	~ 1,50
pH value		~ 7
Minimum film-forming temperature (MFFT)	[°C]	~ 5
Pot life (dep. on stirring)	[min]	~ 120
Assembly time at 20°C	[min]	~ 10
Minimum pressing time at 20°C	[min]	~ 30
Classification according to EN 204		D4
Heat resistance according to EN 14257 (WATT 91)	[N/mm²]	> 10



The information given in this leaflet is based on test results from our laboratories as well as on experience gained in the field, and does in no way constitute any guarantee of properties. Due to the wide range of different applications, substrates, and processing methods beyond our control, no liability may be derived from these indications nor from the information provided by our free technical advisory service. Before processing, please request the corresponding data sheet and observe the information in it! Customer trials under everyday conditions, testing for suitability at normal processing conditions, and appropriate fit-for-purpose testing are absolutely necessary. For the specifications as well as further information, please refer to the latest technical data sheets.