Product Information



Jowat Classics

Jowapur® 150.50/.51









One-component polyurethane dispersion (PUD) for the 3D lamination of furniture fronts

For laminating plastic foils made of PVC, ABS, PET as well as PE and PP

Excellent film-forming

Good heat and water resistance

Jowat Adhesives

Changing trends in the furniture industry dictate the design of furniture fronts and determine the requirements for 3D lamination. On one day, flat fronts mainly laminated with high-gloss PVC foils are in trend and on the following day profiled fronts laminated with more classic PVC foils with a smooth or structured surface are in demand. The technical manufacturing processes and the adhesives used have to meet the requirements in the industry and ensure a reliable bonding of the changing materials.
PU dispersions have become established as reliable adhesives for the lamination of 3D furniture fronts and facilitate end products of outstanding quality.

One-component **Jowapur®** polyurethane dispersions with an integrated crosslinking mechanism provide a range of benefits for processors. For processors, the most significant advantage is that one-component products eliminate the risk of dosing and mixing errors.
The **Jowapur®** product family from Jowat supplies a wide range of PU dispersions for all lamination requirements in 3D furniture manufacturing. **Jowapur® 150.50/51** has been an established part of that product group. This powerful lamination adhesive has been providing impressive results in 3D laminating processes around the world since 2002 and is still in high demand.

Jowapur® 150.50/51

Wide range of applications, e.g. for plastic foils made of PVC, ABS, PET as well as PE and PP.

Base polymer		polyurethane
Viscosity at 20 °C	[mPas]	~ 3,000
Density at 20 °C	[g/cm³]	~ 1.05
Solids content	[%]	~ 40
pH value at 20 °C		~ 8.0
Appearance		final digit 0 = white opaque final digit 1 = white



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 variety of different applications, substrates, and processing methods that are 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 in normal processing conditions, and appropriate fit-for-purpose testing are absolutely necessary. For the specifications and for further information, please refer to the latest technical data sheets.