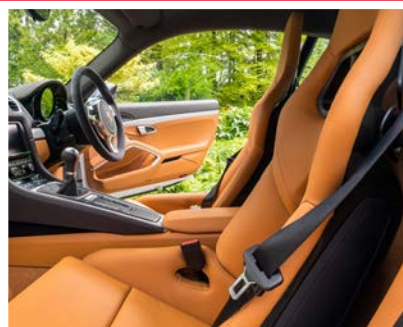




Jowat
GREEN ADHESIVES



Jowapur[®] 158.97



**Powerful PU dispersion for the 3D lamination
of automotive interiors**

**Real leather, textile foam and nonwoven
composites, thermoplastic foils**

High initial strength, also in edgefolding

Low VOC and fogging values





PU Dispersion for the 3D Lamination of Automotive Interiors

Jowapur® 158.97 is a PU dispersion used in combination with the crosslinking agent **Jowat® 197.65** for laminating real leather as well as thermoplastic foils. The thermal reactivation by heat facilitates a convenient pre-positioning by hand of the laminating material, which is particularly favourable in real leather lamination. In addition, the sewn leather can be detached and bonded again if it needs to be repositioned.

The materials are joined in a vacuum deepdrawing or stamp pressing process to manufacture e.g. dashboards, door and column panelling or headlining.

Another benefit is the fast crosslinking of **Jowapur® 158.97 + Jowat® 197.65**. It facilitates the down-line processing of the laminated parts without long waiting times and an efficient production process.

Materials used

- ✓ **Lamination materials:**
 - TPO foil and PVC foam foils
 - Textile foam and nonwoven composites
 - Real leather
- ✓ **Carrier:**
 - ABS & polycarbonate ABS
 - PP & natural fibre PP (NFPP)
 - Different fibre composites (e.g. GMPU) and other plastics

Benefits

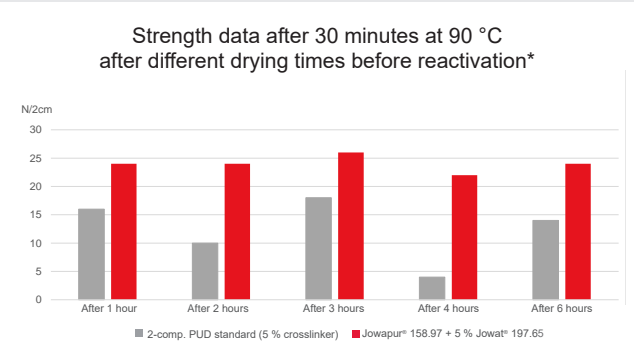
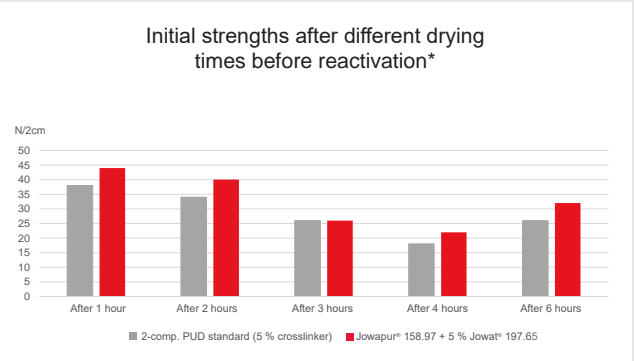
- ✓ Allows repositioning
- ✓ High initial strength, also in edgefolding
- ✓ No cooling inside the tool necessary
- ✓ Low VOC and fogging values

Jowapur® 158.97 + Jowat® 197.65

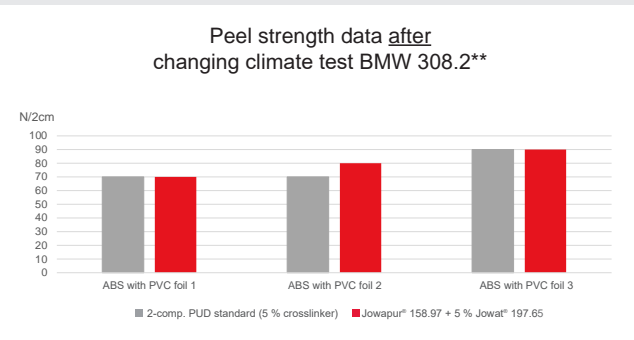
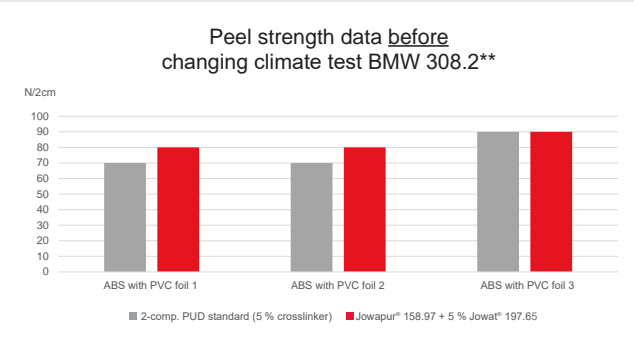
For laminating decorative thermoplastic foils or textile foam and nonwoven composites as well as real leather lamination.

Base polymer		PU
Reactivation temperature	[°C]	≥ 60
Density, at 20 °C	[g/cm³]	~ 1.06
Solids content, 1 h at 125 °C	[%]	~ 46
Pot life, at 20 °C with 5 % Jowat® 197.65	[h]	~ 4 – 8
Viscosity, at 25 °C	[mPas]	~ 305

Jowapur® 158.97 in comparison



* The results are based on a series of tests under laboratory conditions. Testing was carried out with a 120 µm film applied onto ABS. The final strengths were determined after a crosslinking time of 7 days and then subject to the heat resistance test mentioned above.



** The results are based on a series of tests under laboratory conditions. The application amount was 50 - 60 g/m² dry (by spraying). Testing was carried out with ABS substrates and three different PVC foils (containing different plasticisers). The exact test cycles of the changing climate test BMW 308.2 are available upon request.

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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.

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Jowat
Adhesives



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