

# Jowatherm-Reaktant<sup>®</sup>

## 642.00/08



**High initial strength**

**Good creep resistance**

**Processing with all standard application methods**

**Particularly impressive in spraying applications**

**Outstanding VOC and FOG values**



## The “all-rounder” among adhesives

Consistency and standardisation. These objectives of the modular production system used by numerous manufacturers in the automotive industry are linked to the entire supply chain, including the processed materials and adhesives. Adhesives for 3D laminating interior car parts have to provide superior performance independent of the application method and the laminating technology. Whether applied by roller, nozzle or spraying, laminated with a press or by vacuum deep-drawing – the same adhesive should be used in all processes and fulfil the different requirements.

**Jowatherm-Reaktant® 642.00/08 has been developed to meet all demands with only one adhesive.**

When processes for the serial production of large quantities are planned, the focus is always on process times. Reliable, creep-free bonding is a prerequisite for optimised process times and therefore requires an adhesive with high initial strength to resist the high tensions in edgefolding applications. **Jowatherm-Reaktant® 642.00** meets this demand perfectly. The product version **Jowatherm-Reaktant® 642.08** facilitates a fast delivery of the parts even at high ambient temperatures.

In addition to different processes, also the range of substrates can vary widely. All standard substrates can be bonded – from ABS and ABS blends to PP-based parts, with or without natural fibre content. Pretreatment is only necessary for PP-based parts. **Jowatherm-Reaktant® 642.00/08** can bond TPO as well as PVC foils\*. All these qualities coupled with particularly favourable VOC and FOG values make this PUR hot melt adhesive a real “all-rounder” and a reliable component in the bonding process.

\*Due to the wide variety of different plasticisers used in PVC foils, preliminary testing for suitability is absolutely necessary.

# Information

## Processing

Spray-  
ing

Roller  
applica-  
tion

Slot nozzle  
application

Vacuum  
deep-drawing

Press  
laminating

Short open time and high initial strength, also for high-tension ed-gefolding applications.

After complete reaction, very high bond strength, outstanding resistance to heat and very good resistance to low temperatures. Contains a fluorescence marker for ease of detection.

## Technical Data

### Jowatherm-Reaktant® 642.00/08

Laminating adhesive for manufacturing interior parts of vehicles.

Polymer basis	polyurethane
Viscosity at 140 °C	23,000 mPas
Processing temperature, roller	110 – 130 °C
Processing temperature, spraying	130 – 150 °C
Activation temperature	> 75 °C



# Jowat | Ihr Partner in Sachen Kleben

# Jowat | Your Partner in bonding



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.

**Jowat – Kleben erster Klasse**  
**Jowat – first class bonding**

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**Jowat**   
Klebstoffe

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