



Jowatherm-Reaktant®

604.35



PUR hot melt adhesive for wrapping plastic and aluminum profiles

Long open time and high surface tack

Contains UV tracer for in-line verification of adhesive application

Approved in accordance with RAL-GZ 716

Jowatherm-Reaktant® 604.35 is a PUR hot melt adhesive for window profile wrapping with RAL-GZ 716 approval. A very long open time coupled with high surface tack facilitate the wrapping of very complex profile geometries without the need for additional heating by hot air guns.

The performance profile of the adhesive is rounded off by outstanding resistances to hydrolysis and thermolysis, which more than fulfill the requirements by the quality-assurance association "Gütegemeinschaft Fensterprofilsysteme e.V."

Satisfactory peel strength data or foil tearing in roll peel tests following DIN EN 1372 can be expected after 24 hours already.*

The adhesive can be applied in combination with different Jowat® primers (preliminary testing required).

Jowatherm-Reaktant® 604.35 has been developed for applications using all established wrapping machines and the common processing parameters. The formulation contains a UV tracer, which facilitates the detection of the adhesive in quality inspections on the production line.

The benefits of the product at a glance:

- long open time coupled with high surface tack
- constant strength development within the first hour after crosslinking
- good resistance to thermolysis and hydrolysis

* If processed in accordance with the parameters specified in the technical guideline "Reliable lamination of window profiles" of the Gütegemeinschaft Kunststoff-Fensterprofilsysteme e.V.

The new adhesive provides maximum flexibility and process reliability for processors at high (up to 40 m/min) as well as at low feed speeds (starting from 6 m/min).



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Polymer basis		PUR
Processing temperature	[°C]	120 - 140
Viscosity at 140°C	[mPas]	25,000 ± 10,000
Open time at 140°C	[s]	90 ± 30
Crosslinking duration	[h]	> 24

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.