

One Component PUR

Application: Bonds hardwoods and softwoods, stone, metal, ceramics, plastics, and most other materials. Short clamp – fast cure adhesive.

Characteristics/ Directions for use: Jowapur 686.25 moisture curing polyurethane adhesives are superior, low foaming, exterior-grade adhesives. 100% WATERPROOF. Professional grade, exceeds TYPE I. ASTM D-2559 Bond Quality. Solid content 100%

Surfaces must be clean, dust free and tight fitting. This adhesive hardens by reacting with moisture. Lightly dampen dry surface with water. For dense hardwoods like oak or maple, lightly dampen both surfaces 5 minutes prior to gluing. Spread Jowapur 686.25 polyurethane adhesive on opposite side. If necessary, spread with trowel or foam roller. Avoid skin contact as this adhesive temporarily stains skin. Replace cap. Clamp objects or apply high pressure for recommended clamp period. Slight foaming may occur. Remove excess with a scraper.

Tested according to Jowat test methods. Customer trials are recommended.

Coverage:	12-20 g/ft ²
Open Time:	20 minutes
Clamp Time:	40-120 minutes @ 68-130°F
Cure Time:	90% bond strength in 40-120 minutes. 100% in 24 hours.
Temp. Range:	40-130°F, best at 70 to 100°F

Technical Data: Viscosity (mPas/cPs):	approx. 9,000
Density (g/cm ³):	approx. 1.15 (9.63 lbs./gal)
Solid Content (%):	approx. 100
NCO content (%):	approx. 15.5
Color:	opaque

Cleaning: Clean excess fresh adhesive with denatured alcohol or thinner. Semi-hardened adhesive is easily removed with a scraper. Sanding should be done after adhesive is cured.

Storage: May be stored in properly closed original containers, cool and dry (15-25°C (59-77°F)). Best before date, please refer to label on the packaging unit.

Packaging: Unit size on request.

Remarks: For further information concerning handling, transport and disposal, please refer to the Safety Data Sheet. Our information on this data sheet is based on test results from our laboratories as well as on experience gained in the field by our customers. It can, however, not cover all parameters for each specific application and is therefore not binding for us. The information given in this leaflet represents neither a performance guarantee nor a guarantee of properties, nature, condition, state or quality. No liability may be derived from these indications nor from the recommendations made by our free technical advisory service.

JOWAT Corporation Information

Gluing, as one of the most efficient methods of bonding, is constantly expanding into new areas of application. At the same time, the number of substrates to be bonded is also growing at an unprecedented rate. New methods and equipment to process adhesives are constantly being improved and developed.

The in-house R&D department of JOWAT Corporation ("JOWAT") is responding with intensive efforts to keep pace with these constant changes. A highly trained and qualified team of chemists and engineers are using the latest techniques and the brightest ideas to make sure that our adhesives meet the needs of our customers for new and innovative applications.

We have assimilated information based on test results from our laboratories as well as on experience gained in the field by working with our customers. This information is available by contacting our technical service department. Customers who have obtained information and thereafter undertake modifications during a running production are invited to provide this information to us to assist us in maintaining our field information and obtain any updated information we may have. However, any technical information we provide is provided for informational and assistance purposes only, and should not be relied upon or used to replace field testing by the user of the adhesive in the actual application for which the adhesive is to be used. Our laboratory testing and field information obtained cannot simulate all eventualities that may occur in each specific application, and for that reason we cannot and do not insure performance or results in specific applications.

Any user of adhesives manufactured by JOWAT must test the adhesive(s) for suitability in each individual application, performing such tests in connection with the first use of a sample as well as all subsequent modifications during any ongoing production.

In addition to such other tests the users of our adhesives deem appropriate to insure suitable bonding, all users of adhesives manufactured by JOWAT should test the adhesives for suitability on original parts equal to normal processing conditions. The adhesive bond should then also be tested and assessed by subjecting it to the actual stress and conditions it will undergo in its intended use. ALL OF THESE TESTS ARE ABSOLUTELY NECESSARY AND MUST BE PERFORMED.

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