General Assembly Glue

110.60

Basis: Polyvinyl Acetate - (PVAc)

Technical Data:

Viscosity (mPas/cPs):	approx. 11,500 (Brookfield)
Density (g/ml):	approx. 1.0 (8.4 lbs./gal.)
Solids (%):	approx. 55
pH value:	approx. 4-5
Color of glue film:	60-opaque; 62-brown; 63-black; 69-UV

Characteristics: Medium viscosity, extremely fast setting PVAc glue which forms a hard, tough glue line with good durability and bond strength.

Applications: General assembly glue for all wood applications where a fast setting speed is essential.

Directions for use:

Min. Working Temp:	15°C (58°F) (Substrates, Glue and Work Area)
Glue Application:	one sided
Glue Thickness:	4-6 mil wet=10-16 g/sqft
Open Time:	approx. 4-5 minutes
Pressing Time:	approx. 4-6 minutes (depending on the substrates to be glued)
Pressure:	30 psi minimum=2kp/sqcm=.2 N/sqmm

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

Cleaning: Fresh glue may be removed with cold (preferably warm) water. Dried glue must be removed mechanically.

Storage: After longer storage periods, glue should be stirred before use. Twelve (12) months from date of manufacture at approx. 20°C (68°F) in closed original container. Protect glue from freezing!

Packaging: In plastic containers of 50 lbs. net or in 55 gallon metal drums with PE lining. Special packaging upon request.

Marking: Consult Material Safety Data Sheet.

01/09 (S) All data indicated are characteristics represented as average values. Our technical data sheets are constantly revised to represent the latest state of technology. This edition is replacing all previous ones, and is valid on the date of compilation.
Please refer to last page for additional information.

Jowat Corporation - PO Box 1368 - High Point, NC 27261 - Phone: (800) 322-GLUE (4583) - Fax: (336) 434-9019 - info@jowat.com - www.jowat.com

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.

IMPORTANT: Any products (the "Products") manufactured by JOWAT, its parent, affiliates and subsidiaries ("Seller"), as well as all services relating to such Products are subject to the JOWAT Corporation General Terms and Conditions. THE WARRANTY CONTAINED HEREIN IS EXCLUSIVE AND EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, WRITTEN, ORAL, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO EXPRESSED OR IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN ADDITION, SELLER SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE OR INJURY OF ANY NATURE, WHETHER DIRECT, INDIRECT OR CONSEQUENTIAL, IN CONNECTION WITH OR RESULTING FROM THE PURCHASE, USE OR SALE OF THE PRODUCTS. SELLER'S OBLIGATION UNDER THIS WARRANTY SHALL BE LIMITED TO CREDITING BUYER WITH THE INOVICE VALUE OF ANY NONCONFORMING PRODUCTS UPON THEIR RETURN TO SELLER OR REPAIRING OR REPLACING ANY NONCONFORMING PRODUCTS, IN SELLER'S SOLE DISCRETION. If an additional copy of the General Terms and Conditions is needed, please contact JOWAT.