














Product Guide



First Class Bonding

Jowat Corporation offers a wide selection of adhesives for the woodworking and furniture industries.

We have selected a small variety of our **FORMALDEHYDE FREE** premier adhesive line for high quality woodworking applications. Jowat's established product line of edgebanding hot melt adhesives offers solutions for a wide array of edge materials.

WOODWORKING PVAc ADHESIVES	
 Jowacoll® 103.40	General assembly, lamination of HPL, cold press applications. Viscosity 12,000 mPas
 Jowacoll® 107.50	Water Resistant Pre-catalyzed Type II for assembly, HF/RF, laminating, assembly of windows and furniture for moist conditions. Viscosity 6,000 mPas
 Jowacoll® 110.60	General assembly for all wood applications where a fast set speed is essential. Viscosity 11,500 mPas
DOWEL DRIVING - AUTO	
 Jowacoll® 114.60	Automatic dowel driving equipment operating at a low pressure of approximately 5-8 bar (70-120 psi). Viscosity 125 mPas
LAMINATING / PRECOATING	
 Jowacoll® 148.50	Water based adhesive for laminating vinyl films (reverse printed and regular) and lightweight paper foils (non-impregnated) to wood substrates. Viscosity 2,000 mPas
MEMBRANE PRESSING / VACUUM FORMING	
 Jowapur® 150.95	One-component adhesive (blue) for 3D membrane pressing/vacuum forming . High heat and water resistance after crosslinking.
EVA GRANULAR ASSEMBLY HOT MELTS	
 Jowatherm® 261.40	Hot melt for drawer bottom and cabinet back assembly . Coving of countertops.
 Jowatherm® 261.80	Hot melt with good adhesion to coated and lacquered surfaces .
 Jowatherm® 266.00	Good bond quality to difficult to adhere to surfaces (lacquered, polyester, PVC and finish foils). Long open time . Suitable for face frame cabinet assembly.
PURGE/FLUSHING AGENT	
 Jowat® 931.20	Purging/flushing agent in hot melt equipment. For thermoplastic (EVA) adhesives only.
 Jowat® 930.94	Purging/flushing agent for adhesive applicators after working with PUR reactive hot melt systems. Contains special additive to prevent chemical reaction. Available in granular or classic cartridge form. Color – Red
LIQUID POLYURETHANE (PUR) - MOISTURE CURE	
 Jowapur® 686.25	Used for assembly of exterior grade wood products where a waterproof bond with a short open time is needed. Bonds a wide variety of substrates like stone, ceramics, metals, etc.
GLUE STICKS	
 Jowatherm® 269.00-10	General assembly multipurpose glue stick. 1/2" x 10"

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.

Flags represent origin of product.

 Manufactured in multiple countries.

EDGEBOARDING HOT MELTS



EVA GRANULAR FOR STRAIGHT EDGEBOARDING

 Jowatherm® 280.10	High Viscosity - especially designed for processing centers. Suitable for primed PVC, veneer and resinated paper edgebands. Can also be used for softforming.
 Jowatherm® 280.30	Translucent hot melt. Suitable for primed PVC, ABS, PP, veneer, solid wood and resinated paper edgebands. Can also be used for softforming. Medium viscosity.
 Jowatherm® 280.90 ClearMelt	Clear High Viscosity hot melt for veneer, PVC and ABS. Also for softforming.
 Jowatherm® 281.40	Translucent hot melt. Suitable for primed PVC, ABS, PP, veneer, solid wood and resinated paper edgebands. Can also be used for softforming. Excellent thermal stability. No stringing. Medium viscosity.
 Jowatherm® 288.60 (natural, white, brown, or black)	Universal hot melt for edgebanding. Available in different colors. Suitable for primed PVC, ABS and for *Primed HPL . Can also be used for precoating and softforming applications. <i>*Primed HPL—we recommend to prime HPL with Jowacoll® 148.50 Primer</i>


ECONOMICAL GRANULAR FOR STRAIGHT EDGEBOARDING

 Jowatherm® 288.70 (natural or white)	Versatile hot melt which runs on all banders. Long open time makes it most suited for slow running banders (12-16 m/min). Excellent trimming properties.
 Jowatherm® 296.30 (natural or white)	Economical edgebanding hot melt for faster feed speed. Suitable for primed PVC, ABS, resin impregnated paper edgebands and veneer.


POLYOLEFIN GRANULAR

 Jowat-HighTherm® 221.00	Transparent Polyolefin hot melt for edgebanding of veneer and solid wood edgebands and for assembly applications. Good adhesion to treated aluminum, laminates of polyester or melamine resin. Medium viscosity.
 Jowat-HighTherm® 225.00	Polyolefin hot melt for edgebanding of resinated paper, veneer and solid wood edgebands. High viscosity.


EVA GRANULAR FOR CONTOUR EDGEBOARDING

 Jowatherm® 282.20 (natural, white)	Designed for edgebanding of PVC, paper, and polyester at low application temperatures and at very slow feed speeds. Suitable for contour edgebanding.
---	--


PUR GRANULAR

 Jowatherm-Reaktant® 608.00 (translucent, bright white)	Unfilled moisture curing polyurethane hot melt in granular form. Fast setting, high initial strength. Crosslinks in several days for a permanent bond. Solid wood or veneer, HPL/CPL, polyester, primed PVC, ABS, PP and resinated paper edgebands.
---	--


CLASSIC HOT MELT CARTRIDGES

 Jowatherm® 286.80 (natural, white, brown, or black)	Universal medium-high viscosity edgebanding hot melt for classic cartridge edgebanders. Suitable for primed HPL, primed PVC, ABS, solid wood, veneer, and resinated paper edgebands.
--	---


CLASSIC UNFILLED HOT MELT CARTRIDGES

 Jowatherm® 286.30	Medium viscosity edgebanding hot melt with high heat resistance. Translucent. In cartridge form. Suitable for primed PVC, ABS, PP, veneer, solid wood and resinated paper edgebands.
---	---

CLASSIC PUR HOT MELT CARTRIDGES

 Jowatherm-Reaktant® 608.00 (translucent, bright white)	Moisture curing polyurethane hot melt in cartridge form. Fast setting, high initial strength, and crosslinks in several days for a permanent bond. Solid wood or veneer, HPL/CPL, polyester, PVC, ABS, PP, and resinated paper edgebands.
---	--

PRIMER FOR HPL

 Jowacoll® 148.50 HPL Primer	When used as primer - this product should be diluted with water 50:50. Due to the differences in HPL, we strongly recommend to carry out suitability test prior to production.
---	--

Jowat – High Point, USA



Jowat Corporation is a leading Global manufacturer of industrial adhesives servicing the woodworking and furniture, paper and packaging, automotive, graphic arts, and textile markets. We serve the Americas from our state of the art Manufacturing, Research and Development and Distribution complex in North Carolina, as well as our network of strategically located warehouses throughout North, South and Central America.

Jowat is headquartered in Detmold, Germany with additional factories and distribution facilities in Germany, Switzerland, Australia and Malaysia. Product quality, innovation and long term personal support to insure our customers get the optimum benefit is how we reach our ultimate goal – a loyal and profitable clientele.

Jowat Corporation strongly recommends customer trial testing after complete review and understanding of the information provided in our Technical Data Sheets (TDS) and Safety Data Sheets (SDS). Variations in conditions, material, and application may vary from the recommendations made in this brochure.



Jowat Corporation
5608 Uwharrie Road
Archdale, NC 27263 • USA

Tel: +1 (336) 434-9000
email: info@jowat.com
web: www.jowat.com