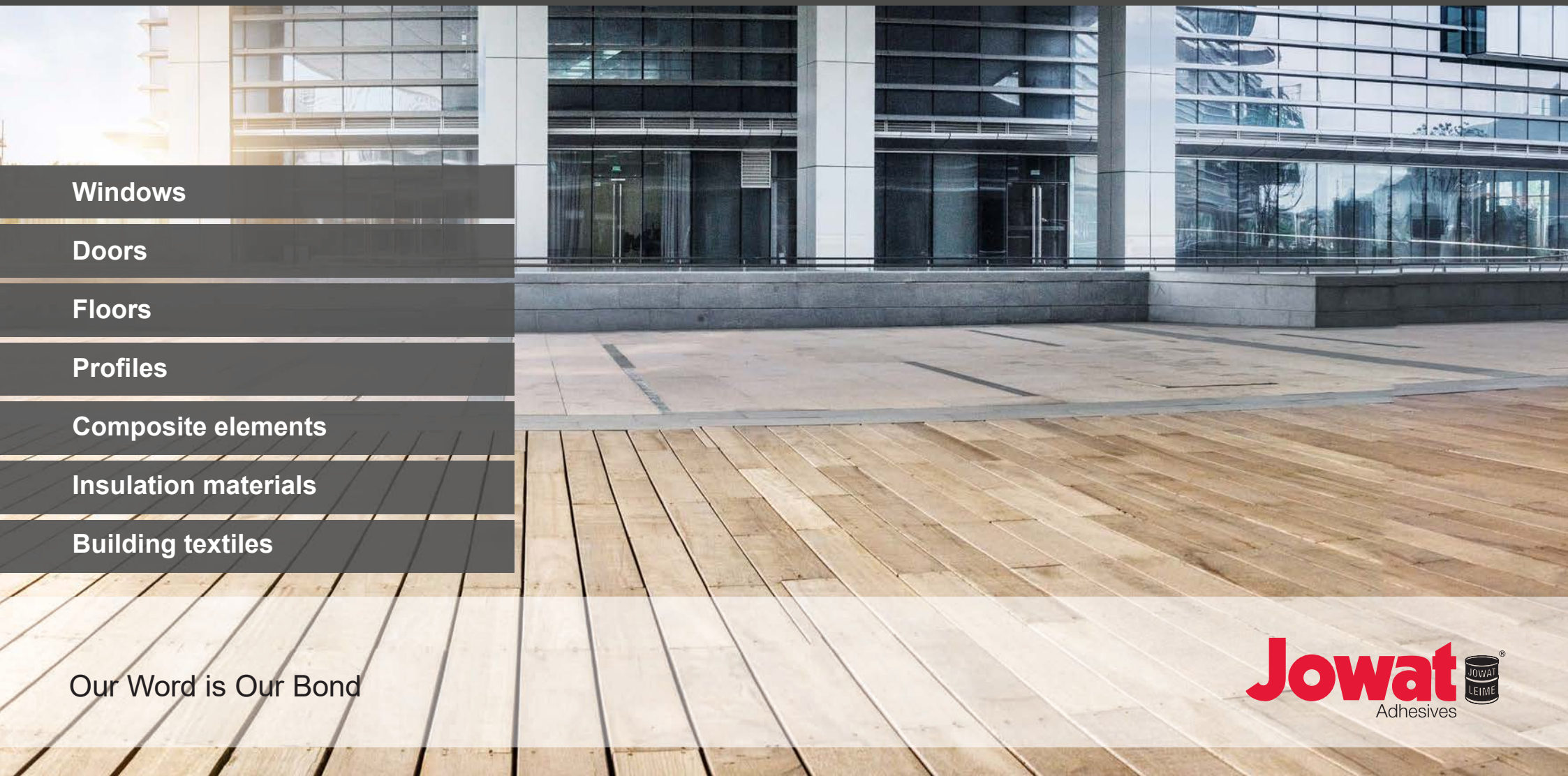
Portfolio Information

Adhesive Portfolio for Building Elements





- Windows
- Doors
- Floors
- Profiles
- Composite elements
- Insulation materials
- Building textiles

Our Word is Our Bond

Jowat Adhesives

Powerful Adhesives for Building Elements

Always a Solution at Hand

Whether facades, doors or floor systems – every building element fulfils unique and essential functions and therefore has different requirements to meet in the manufacturing process. Powerful adhesives from Jowat are adapted to the individual applications and are specialists for efficient production processes, high environmental resistance and reliable bonding of diverse material combinations.

Modern and Energy-Efficient Construction with Jowat Adhesives

The construction sector is on a growth trajectory, reporting considerable gains in revenue every year, and demand for building elements is rising. At the same time, innovative solutions are needed which take into account the technological progress in the industry and meet the increasing requirements regarding energy-efficiency and sustainability.

A large variety of different materials facilitates unique, striking facades which also fulfil different essential functions: claddings made from environmentally-friendly and aesthetic wood, weathering-resistant and durable aluminum, or robust and much demanded concrete.

Going hand in hand with these new concepts, intelligent adhesive solutions play a major role in an increasing number of applications in the construction industry. Apart from facilitating the high durability necessary for building elements, high-performance adhesives also provide a considerable benefit to the manufacturing process and to the end product.



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Manufacturing and Laminating of Window Elements

Apart from providing protection against the weather, windows are also a source of light or fresh air. Established windows today are made from wood, plastic, aluminum or two-material composites that have to meet a wide range of additional functions. For instance, in regard to burglar resistance or thermal insulation. In addition to the design, functionality, and long-term weathering resistance, cost-effective production is also a major aspect.



Adhesives for Wood Windows

	Based on	Type	Open time [min]	Classification	Remarks
Jowacoll® 102.26	PVAc	2 components	7–10 at 20°C	D4 WATT‘91 >7 N/mm²	“all-rounder,” also for HF presses
Jowacoll® 102.40	EPI	2 components	4–6 at 20°C	D4 WATT‘91 >7 N/mm²	low viscosity EPI for wood species that are difficult to bond
Jowacoll® 102.50	EPI	2 components	8–12 at 20°C	D4 WATT‘91 >7 N/mm²	for wood species that are difficult to bond
Jowacoll® 107.20	PVAc	1 component	9–11 at 20°C	D4 WATT‘91 >7 N/mm²	ready-to-use without addition of hardener
Jowapur® 685.30	1K PUR adhesive	1 component	25–35 at 20°C	D4 WATT‘91 >7 N/mm²	high resistance to water and heat

Tensile Shear Strength



The determination of heat resistance in accordance with the testing standard DIN EN 14257 (WATT‘91) achieves tensile shear strengths of >10 N/mm² at 80°C. For the manufacture of window scantlings, the recommendation is only >7 N/mm². Several adhesive systems also considerably exceed the tensile shear strengths required for durability class D4 (according to DIN EN 204/205).

PUR Hot Melt Adhesives for Plastic Windows

	Based on	Viscosity [mPas]	Processing temperature [°C]	Open time [s]	Certificate	Remarks
Jowatherm® PUR 604.15	PUR	~35,000 at 140°C	130–150	~35 at 140°C	-	long open time for complex geometries
Jowatherm® PUR 604.17	PUR	~47,000 at 140°C	130–150	~25 at 140°C	-	“all-rounder”, also for aluminum
Jowatherm® PUR 604.20	PUR	~43,500 at 140°C	120–140	~30 at 140°C	RAL-GZ 716	high crosslinking speed
Jowatherm® PUR 604.25	PUR	~25,000 at 140°C	120–140	~9 at 140°C	RAL-GZ 716	“all-rounder” with high initial strength
Jowatherm® PUR 604.35	PUR	~25,000 at 140°C	120–140	~90 at 140°C	RAL-GZ 716	long open time and high hot tack
Jowatherm® PUR MR 604.90	PUR MR	~27,500 at 140°C	120–140	~30 at 140°C	RAL-GZ 716	no hazard labeling

Primers for Plastic Windows

	Solvent	Viscosity [s]	Processing temperature [°C]	Application amount [g/m²]	Certificate	Remarks
Jowat® 406.78	MEK (methyl ethyl ketone)	~10 at 20°C	15–25	15–25	RAL-GZ 716	“all-rounder”, also for aluminum
Jowat® 406.85	VOC-free	~12 at 20°C	15–25	8–10	RAL-GZ 716	for application systems via felt and vacuum
Jowat® 406.89	MC (methylene chloride)	~12 at 20°C	15–25	40–70	RAL-GZ 716	fast flash-off, nonflammable

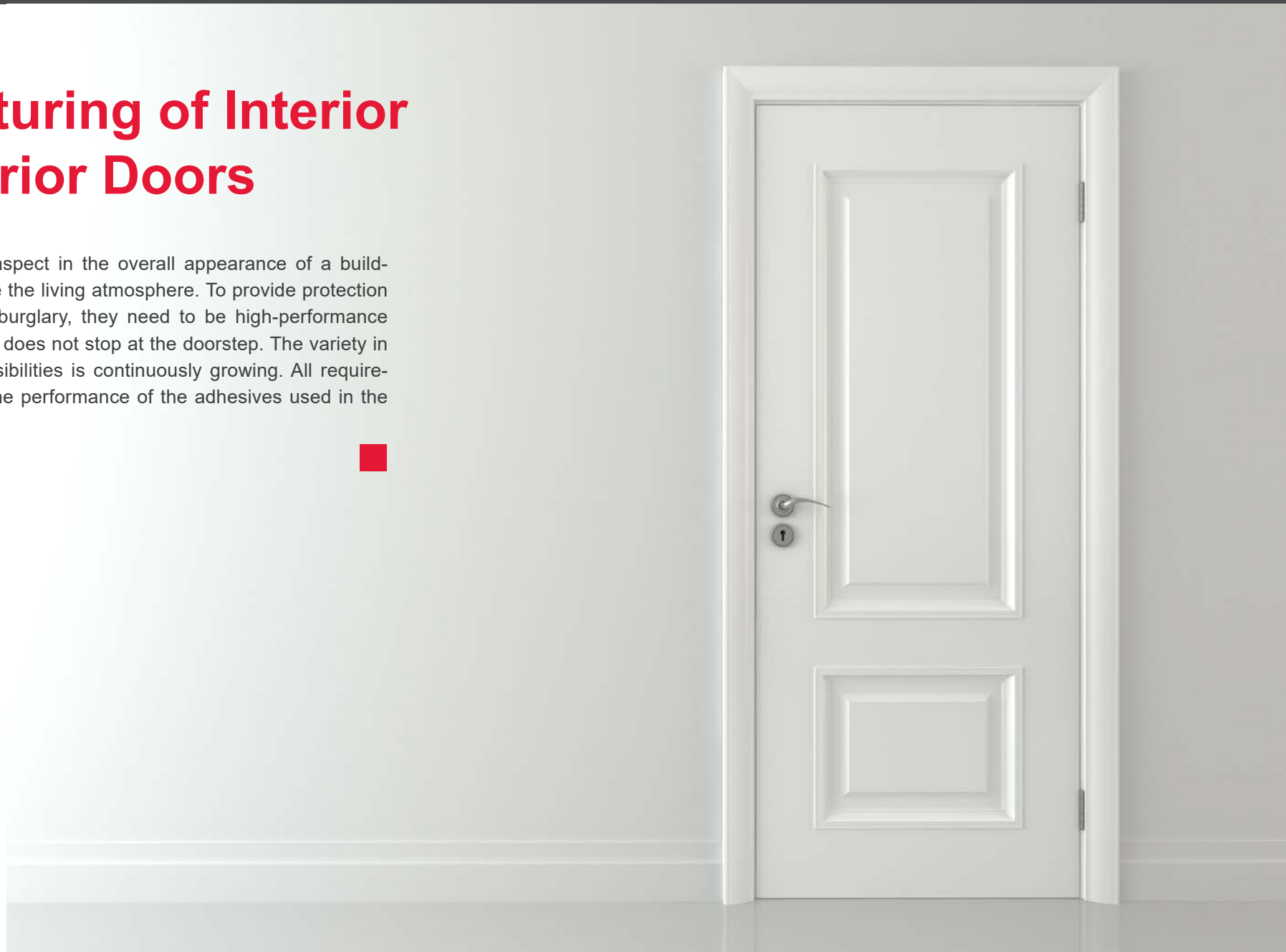


Testing Procedure of the Technical Appendix in Accordance with RAL-GZ 716, as of January 2023

1. Adhesion of the foil to the carrier profile at 23°C
   - Peel resistance ≥3.0 N/mm
     (or foil stretching or foil tearing ≥3.0 N/mm)
2. Adhesion of the foil after exposure to hydrolysis / thermolysis
   - 42 days storage at 70°C ± 2°C, 95% ± 3% relative humidity
   - Peel resistance at 23°C ≥1.5 N/mm
     (or foil stretching or foil tearing ≥1.5 N/mm)
3. Identification (IR spectrum)
   - Adhesive and solids content of the primers

Manufacturing of Interior and Exterior Doors

Doors are an important aspect in the overall appearance of a building and can also influence the living atmosphere. To provide protection against wind, noise and burglary, they need to be high-performance products. Superior design does not stop at the doorstep. The variety in products and design possibilities is continuously growing. All requirements are coupled with the performance of the adhesives used in the product and in production.



Hot Melt Adhesives for Interior and Exterior Doors

	Based on	Viscosity [mPas]	Processing temperature [°C]	Open time [s]	Application	Remarks
Jowatherm® PUR 605.20	PUR	~37,000 at 140°C	130–150	~25 at 140°C	profile wrapping	classic choice for wrapping door frames
Jowatherm® PUR 609.00	PUR	~15,000 at 120°C	110–130	~240 at 120°C	flat lamination	high initial strength
Jowatherm® PUR 609.30	PUR	~14,000 at 120°C	110–130	~180 at 120°C	flat lamination	classic choice for universal applications
Jowatherm® PUR 609.36	PUR	~13,250 at 120°C	110–130	~300 at 120°C	flat lamination	wide range of adhesion, also to metals
Jowatherm® PUR 609.60	PUR	~27,500 at 120°C	110–130	~480 at 120°C	flat lamination	high initial strength for high-tension substrates, long open time
Jowatherm® PUR MR 609.90	PUR MR	~30,000 at 120°C	100–130	~180 at 120°C	flat lamination	no hazard labeling, high initial strength for high-tension bonding
Jowatherm® PUR MR 609.92	PUR MR	~26,000 at 120°C	110–130	~480 at 120°C	flat lamination	occupational health and safety, high initial strength for high-tension bonding with very long open time
Jowatherm® PUR MR 609.93	PUR MR	~14,000 at 120°C	110–130	~180 at 120°C	flat lamination	no hazard labeling
Jowatherm® PO 221.00	PO	~23,200 at 120°C	180–200	~8 at 120°C	profile wrapping	high initial strength for wrapping door frames
Jowatherm® PO 221.80	PO	~12,500 at 120°C	180–200	~15 at 120°C	profile wrapping	“all-rounder” with high heat resistance and long open time
Jowatherm® 291.60	EVA	~5,550 at 200°C	170–190	~6 at 180°C	profile wrapping	“all-rounder” with wide range of adhesion

UF Adhesives for Interior and Exterior Doors

	Based on	Min. pressing temperature [°C]	Pot life [h]	Pressing time at 100°C [s]	Application	Remarks
Jowat® 950.20	UF resin	70	~7 at 20°C	~60	interiors	hot curing
Jowat® 950.40	MUF resin	20	~4 at 20°C	~150	interiors and exteriors	high water resistance, also cold curing

Dispersion Adhesives for Interior and Exterior Doors

	Based on	Viscosity [mPas]	Open time [min]	Classification	Remarks
Jowacoll® 102.40	EPI	~5,000 at 20°C	4–6 at 20°C	D4 (2K) WATT‘91 >7 N/mm²	low viscosity EPI high resistance to water and heat
Jowacoll® 102.50	EPI	~11,000 at 20°C	1–4 at 20°C	D4 (2K) WATT‘91 >7 N/mm²	high resistance to water and heat
Jowacoll® 103.10	PVAc	~11,000 at 20°C	4–8 at 20°C	D3	“all-rounder”
Jowacoll® 103.30	PVAc	~12,500 at 20°C	6–12 at 20°C	D3 WATT‘91 >7 N/mm²	premium D3 for short pressing times
Jowacoll® 103.70	PVAc	~10,000 at 20°C	5–7 at 20°C	D3	pH-neutral for wood species sensitive to discoloring
Jowacoll® GROW 105.85	PVAc	~8,000 at 20°C	4–8 at 20°C	D3 WATT‘91 >7 N/mm²	„all-rounder“ based on renewable raw materials (>20%)
Jowacoll® 124.00	PVAc	~9,500 at 20°C	5–7 at 20°C	D2	surface glue, optimized for short pressing times
Jowacoll® GROW 125.00	PVAc	~9,500 at 20°C	~6 at 20°C	D2	surface glue based on renewable raw materials (~30%)
Jowacoll® 124.79	PVAc	~19,500 at 20°C	8–10 at 20°C	D2	veneering glue for minimal bleed-through
Jowacoll® ER 147.00	copolymer	~8,000 at 20°C	1–3 at 20°C	D2	low emission
Jowacoll® 148.00	copolymer	~12,000 at 20°C	1–3 at 20°C	D2	“all-rounder”
Jowacoll® 148.70	copolymer	~10,000 at 20°C	1–4 at 20°C	D2	wide range of adhesion for demand surfaces

Adhesives for Postforming Applications

	Based on	Viscosity [mPas]	Processing temperature [°C]	Applications	Remarks
Jowatherm® 211.55	PA	~6,500 at 190°C	170–190	postforming and filling of cavities	classic product with good heat resistance
Jowatherm® PO 236.30	PO	~5,500 at 200°C	180–200	postforming and edgebanding	“all-rounder” with low viscosity and high initial strength
Jowacoll® 128.70	PVAc	~11,000 at 20°C	>10	postforming and edgebanding	short setting time, easy processing

Manufacturing of Floors

Unlimited design possibilities, a seemingly infinite selection of materials and structures with many layers mark the wide variety in the flooring industry. The design of the floor system is a major factor in the appearance of a room.

Whether at home, in the office or in industrially used spaces – floors are exposed to many different types of stress. The choice of the right adhesive goes hand-in-hand with the requirements and the stress to be expected.

Jowat supplies many adhesives to facilitate flooring systems, from the classic laminate or parquett to modern modular design floors with maximum strength and quality.



PUR Hot Melt Adhesives for Laminate, Vinyl and Design Floors

	Based on	Viscosity [mPas]	Processing temperature [°C]	Open time [s]	Remarks
Jowatherm® PUR 600.17	PUR	~7,000 at 120°C	110–130	~60 at 120°C	transparent, for transparent foils
Jowatherm® PUR 609.00	PUR	~15,000 at 120°C	110–130	~240 at 120°C	high initial strength
Jowatherm® PUR 609.30	PUR	~14,000 at 120°C	110–130	~180 at 120°C	“all-rounder”
Jowatherm® PUR 609.60	PUR	~27,500 at 120°C	110–130	~480 at 120°C	high initial strength for high-tension substrates, long open time
Jowatherm® PUR MR 609.90	PUR MR	~30,000 at 120°C	100–130	~180 at 120°C	no hazard labeling, high initial strength for high-tension bonding
Jowatherm® PUR MR 609.92	PUR MR	~26,000 at 120°C	110–130	~480 at 120°C	occupational health and safety, high initial strength for high-tension bonding with very long open time
Jowatherm® PUR MR 609.93	PUR MR	~14,000 at 120°C	110–130	~180 at 120°C	no hazard labeling

Dispersion Adhesives for Laminate, Vinyl and Design Floors

	Based on	Viscosity [mPas]	Open time [min]	Remarks
Jowacoll® ER 147.00	copolymer	~8,000 at 20°C	1–3 at 20°C	low emission
Jowacoll® 148.00	copolymer	~12,000 at 20°C	1–3 at 20°C	“all-rounder“
Jowacoll® 148.20	copolymer	~20,000 at 20°C	1–3 at 20°C	high-viscosity for absorbent materials
Jowacoll® 148.70	copolymer	~10,000 at 20°C	1–4 at 20°C	wide range of adhesion for demanding surfaces

PUR Hot Melt Adhesive for Parquett

	Based on	Viscosity [mPas]	Processing temperature [°C]	Open time [s]	Remarks
Jowatherm® PUR 605.20	PUR	~37,000 at 140°C	130–140	~25 at 140°C	“all-rounder”
Jowatherm® PUR 605.80	PUR	~23,000 at 140°C	120–140	~40 at 140°C	for high feed speeds

Dispersion Adhesives for Parquett

	Based on	Viscosity [mPas]	pH value	Open time [min]	Durability class	Remarks
Jowacoll® 103.10	PVAc	~11,000 at 20°C	~3.0 at 20°C	4–8 at 20°C	D3	“all-rounder”
Jowacoll® 103.30	PVAc	~12,500 at 20°C	~3.0 at 20°C	6–12 at 20°C	D3 WATT‘91 >7 N/mm²	D3 for short pressing time
Jowacoll® 103.70	PVAc	~10,000 at 20°C	~6.0 at 20°C	5–7 at 20°C	D3	pH-neutral for wood species sensitive to discoloring
Jowacoll® 102.26	PVAc	~7,000 at 20°C	~5.4 at 20°C	7–10 at 20°C	D4 (2K) WATT‘91 >7 N/mm²	D4 for high water resistance
Jowacoll® 102.40	EPI	~5,000 at 20°C	~7.0 at 20°C	4–6 at 20°C	D4 (2K) WATT‘91 >7 N/mm²	low viscosity EPI for difficult wood species
Jowacoll® 102.50	EPI	~11,000 at 20°C	~7.0 at 20°C	8–12 at 20°C	D4 (2K) WATT‘91 >7 N/mm²	EPI for difficult wood species

PUR Hot Melt Adhesives for Underlayment

	Based on	Viscosity [mPas]	Processing temperature [°C]	Open time [s]	Remarks
Jowatherm® PUR 609.30	PUR	~14,000 at 120°C	110–130	~180 at 120°C	"all-rounder"
Jowatherm® PUR MR 609.93	PUR MR	~14,000 at 120°C	110–130	~180 at 120°C	improved occupational safety
Jowatherm® PUR 601.05	PUR	~2,750 at 120°C	110–130	~300 at 120°C	low viscosity for very low application amount
Jowatherm® PUR MR 600.93	PUR MR	~2,900 at 120°C	110–130	~300 at 120°C	low viscosity for very low application amount, improved occupational

Hot Melt Adhesives for Underlayment

	Based on	Viscosity [mPas]	Processing temperature [°C]	Softening range [°C]	180° peel strength [N/25 mm]	Loop tack [N/25 mm]	Remarks
Jowatherm® 245.40	SBC	~650 at 170°C	160–180	~100	~20	~32	very low application amount possible
Jowatherm® 245.60	SBC	~3,200 at 160°C	150–170	~95	~18	~40	optimized for spraying
Jowatherm® 245.85	SBC	~4,300 at 190°C	170–190	~130	~40	~70	high heat resistance

Manufacturing of Profiles

Whether baseboards or cornice rails – carrier substrates wrapped with a virtually unlimited variety of lamination materials are in great demand. Carrier profiles are made from solid wood, wood-based materials, plastic and increasingly also aluminum and other metals.
The technology for applying the adhesives is also advanced constantly. Today, the preferred technology are slot nozzles with adjustable widths. Feed speeds have doubled several times over the past years, and today, modern manufacturing lines can achieve speeds of over 100 m/min.



PO Hot Melt Adhesives for Profile Wrapping

	Based on	Viscosity [mPas]	Processing temperature [°C]	Softening range (Kofler) [°C]	Open time [s]	Remarks
Jowatherm® PO 221.00	PO	~23,200 bei 200°C	180–200	~115	~8 bei 190°C	wide range of adhesion, for high feed speeds
Jowatherm® PO 221.80	PO	~17,500 bei 190°C	180–200	~115	~15 bei 190°C	“all-rounder” with high heat resistance
Jowatherm® PO 222.10	PO	~22,200 at 200°C	180–200	~115	~10 bei 200°C	“all-rounder” for roller applicator
Jowatherm® PO 224.00	PO	~8,500 at 180°C	170–190	~95	~20 bei 190°C	basic grade for thin papers and foils
Jowatherm® PO 225.00	PO	~71,000 at 200°C	190–210	~120	~8 bei 190°C	high viscosity for veneers and CPL
Jowatherm® PO 236.30	PO	~6,500 at 190°C	180–200	~110	~2 bei 190°C	for offline wrapping processes
Jowatherm® PO 236.60	PO	~20,000 at 160°C	180–200	~110	~18 bei 190°C	low processing temperature

EVA Hot Melt Adhesives for Profiles

	Based on	Viscosity [mPas]	Processing temperature [°C]	Softening range (Kofler) [°C]	Open time [s]	Remarks
Jowatherm® 280.30/31	EVA	~50,500 at 200°C	180–200	~90	~6 at 190°C	for veneers and Kraft paper
Jowatherm® 291.45	EVA	~5,500 at 200°C	170–190	~85	~18 at 180°C	long open time for complex geometries
Jowatherm® 291.60	EVA	~5,550 at 200°C	170–190	~80	~6 at 180°C	“all-rounder” for thin foils

PUR Hot Melt Adhesives for Profiles

	Based on	Viscosity [mPas]	Processing temperature [°C]	Open time [s]	Remarks
Jowatherm® PUR 605.20	PUR	~37,000 at 140°C	130–150	~25 at 140°C	classic
Jowatherm® PUR 605.62	PUR	~30,000 at 140°C	130–150	~9 at 140°C	“all-rounder”
Jowatherm® PUR 605.65	PUR	~37,500 at 140°C	130–150	~32 at 140°C	basic grade
Jowatherm® PUR 605.68	PUR	~43.000 at 140°C	130–150	~8 at 140°C	high initial strength
Jowatherm® PUR 605.80	PUR	~23,000 at 140°C	120–140	~9 at 140°C	for high feed speeds
Jowatherm® PUR MR 605.90	PUR MR	~22,500 at 140°C	130–150	~20 at 140°C	no hazard labeling
Jowatherm® PUR 608.00/01	PUR	~90,000 at 120°C	110–140	~8 at 140°C	high cohesion for veneers and CPL

Only in the Right Packaging, Will the Adhesive Be Perfectly Adapted to the Process.



Jowat adhesives are renowned all over the world for their efficiency. The choice of the optimum supply form and packaging can release the full potential in the manufacturing process of the customer. Apart from legal requirements and technical data for a packaging solution, other major factors in the choice of the packaging are convenience and sustainability. Jowat therefore provides a wide range of packaging solutions adapted to the corresponding process.

Manufacturing of Composite Elements

Modern compound elements or sandwich assemblies have only become possible thanks to the use of modern high-performance adhesives. Today, large composite elements have become essential in many fields. They used for insulating systems, building elements, but also as facade cladding and in many more fields.



1K PUR Adhesives for Composite Elements

	Based on	Viscosity [mPas]	Processing temperature [°C]	Open time [min]	Pressing time [min]	Certificate	Remarks
Jowapur® 685.10	1K PUR adhesive	paste-like at 20°C	>10	5–8 at 20°C	15–24 at 20°C	-	paste-like assembly adhesive with fast strength
Jowapur® 685.12	1K PUR adhesive	~6,000 at 20°C	>10	7–12 at 20°C	20–30 at 20°C	A.1/3.18 e	fast surface adhesive with IMO approval
Jowapur® 685.16	1K PUR adhesive	paste-like at 20°C	>10	14–16 at 20°C	55–65 at 20°C	-	paste-like adhesive with wide range of adhesion for assembly bonding
Jowapur® 685.33	1K PUR adhesive	~5,900 at 20°C	>10	25–30 at 20°C	60–70 at 20°C	A.1/3.18 e	surface adhesive with IMO approval and medium processing time
Jowapur® 685.61	1K PUR adhesive	~6,800 at 20°C	>10	57–63 at 20°C	125–135 at 20°C	-	surface adhesive with long processing time
Jowapur® 687.40	1K PUR adhesive	~8,000 at 20°C	>10	30–40 at 20°C	105–120 at 20°C	A.1/3.18 e	very wide range of adhesion

PUR Hot Melt Adhesives for Composite Elements

	Based on	Viscosity [mPas]	Processing temperature [°C]	Open time [min]	Certificate	Remarks
Jowatherm® PUR 609.00	PUR	~15,000 at 120°C	110–130	~4 at 120°C	A.1/3.18 e	high initial strength and long open time
Jowatherm® PUR 609.30	PUR	~14,000 at 120°C	110–130	~3 at 120°C	A.1/3.18 e	“all-rounder”
Jowatherm® PUR 609.36	PUR	~13,500 at 120°C	110–130	~5 at 120°C	A.1/3.18 e	wide range of adhesion e.g. for bonding glass
Jowatherm® PUR 609.38	PUR	~33,000 at 120°C	120–140	~6 at 120°C	A.1/3.18 e	high initial strength and very long open time
Jowatherm® PUR 609.50	PUR	~25,000 at 120°C	120–140	~1,5 at 120°C	-	high initial strength for high-tension bonding
Jowatherm® PUR 609.60	PUR	~27,500 at 120°C	110–130	~8 at 120°C	-	high initial strength for high-tension substrates, long open time
Jowatherm® PUR MR 609.90	PUR MR	~30,000 at 120°C	100–130	~3 at 120°C	-	no hazard labeling, high initial strength for high-tension bonding
Jowatherm® PUR MR 609.92	PUR MR	~26,000 at 120°C	110–130	~8 at 120°C	-	occupational health and safety, high initial strength for high-tension bonding with very long open time
Jowatherm® PUR MR 609.93	PUR MR	~14,000 at 120°C	110–130	~3 at 120°C	A.1/3.18 e	no hazard labeling

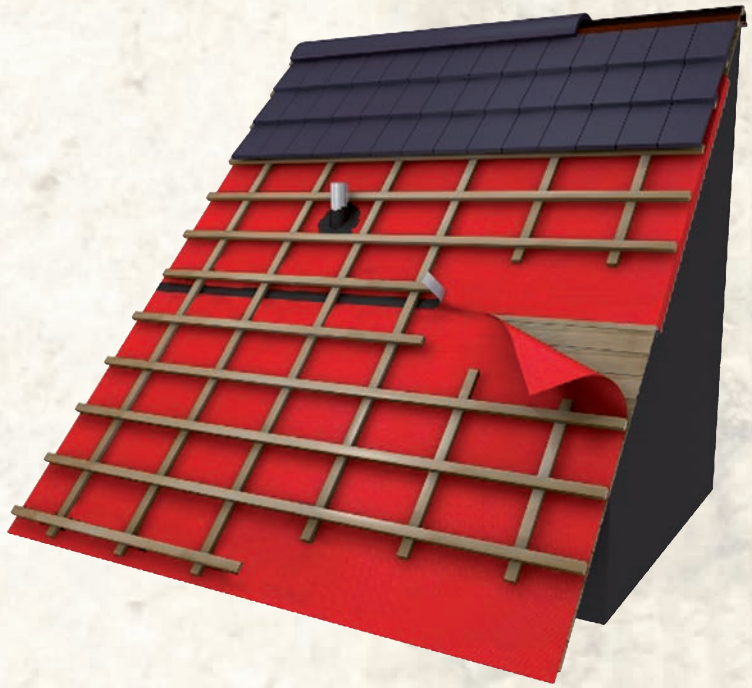
1K SMP Adhesives for Composite Elements and Assembly Bonding

	Based on	Viscosity [mPas]	Processing temperature [°C]	Processing remarks at 20°C	Durability class	Remarks
Jowat® 695.00	1K SMP adhesive	paste-like at 20°C	>10	processing time: ~10 min curing: 2 mm in first 24 h	-	paste-like assembly adhesive for bonding or sealing
Jowat® 695.15	1K SMP adhesive	paste-like at 20°C	>10	processing time: ~15 min curing: 3 mm in first 24 h	-	versatile “all-rounder”
Jowat® 695.50	1K SMP adhesive	~10,000 at 20°C	>10	processing time: ~8 min pressing time: ~90 min	D4 following EN 204	processed similar to wood glue, surface adhesive with wide range of adhesion

Manufacturing of Insulation Materials and Building Textiles

Energy considerations play a major role in the design and planning of buildings. In the beginning, roofs were insulated to prevent the loss of heat. Today, insulation provides many more functions and possibilities to protect buildings from heat, noise and fire aspects. In addition to mineral and synthetic materials, the use of plant-based substances is also growing.

Technical properties such as thermal conductivity or heat storage capacity are important details of these building products. However, the combination of different materials is frequently the decisive factor. Jowat supplies a wide range of adhesives for the manufacture of insulation materials and building textiles and thereby contributes to the optimization of the energy efficiency of buildings.





Hot Melt Adhesives for Insulation Materials

	Based on	Viscosity [mPas]	Processing temperature [°C]	Softening range [°C]	SAFT [°C]	180° peel strength [N/25 mm]	Loop tack [N/25 mm]	Remarks
Jowatherm® 245.00	SBC	~17,000 at 160°C	150–170	~105	~ 85	~26	~33	high cohesion
Jowatherm® 245.40	SBC	~650 at 170°C	160–180	~100	~ 75	~20	~32	very low application amount possible
Jowatherm® 245.60	SBC	~3,200 at 160°C	150–170	~95	~ 70	~18	~40	optimized for spraying
Jowatherm® 245.85	SBC	~4,300 at 190°C	170–190	~130	~ 105	~40	~70	high heat resistance

Hot Melt Adhesives for Building Textiles

	Based on	Viscosity [mPas]	Processing temperature [°C]	Remarks
Jowatherm® PO 230.45	PO	~11,500 at 190°C	180–200	“all-rounder” with wide range of adhesion
Jowatherm® PUR 630.20	PUR	~15,000 at 120°C	100–120	“all-rounder” with high initial strength
Jowatherm® PUR 638.20	PUR	~5,500 at 100°C	90–110	low processing temperature, high resistance to hydrolysis
Jowatherm® PUR 639.00	PUR	~10,000 at 100°C	100–120	wide range of adhesion, long open time
Jowatherm® PUR GROW 631.20	PUR	~8,000 at 140°C	110–140	contains renewable materials
Jowatherm® PUR MR 630.99	PUR MR	~9,000 at 110°C	100–130	no hazard labeling

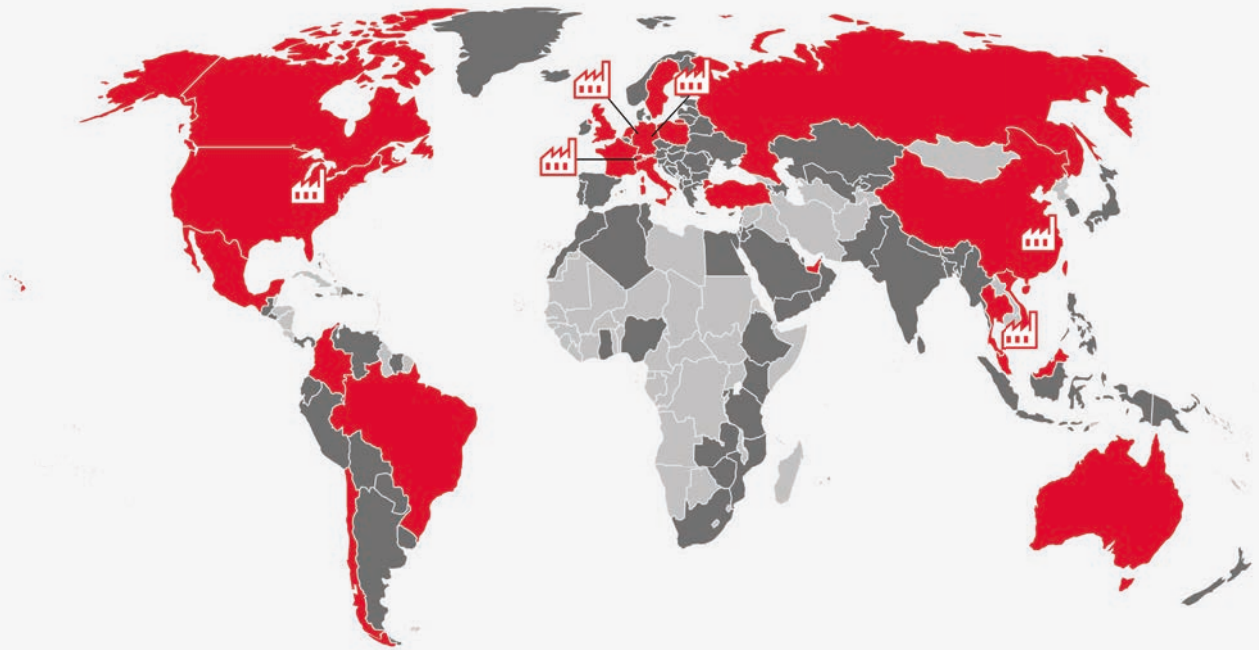
Jowat—Our Word is Our Bond

Jowat SE with headquarters in Detmold is one of the world's leading suppliers of industrial adhesives. These are mainly used in woodworking and furniture manufacture, in the paper and packaging industry, for graphic arts, in the textile, automotive as well as in the electrical industry. The company was founded in 1919 and has manufacturing sites in Germany in Detmold and Elsteraue, plus four other producing subsidiaries, Jowat Corporation in the USA, Jowat Swiss AG, Jowat Manufacturing in Malaysia and Jowat China Adhesives. The supplier of all adhesive groups is manufacturing over 100,000 tonnes of adhesives per year, with about 1,300 employees. A global location structure with 26 organisations plus partner companies is guaranteeing local service with close customer contact.



Have We Sparked Your Interest?

Jowat actively supports innovations in the manufacture of building elements and draws on a deep understanding of the challenges in the building industry – be it special physical properties, different material combinations, requirements for high resistance and durability in exterior applications, or energy- and cost-efficiency as well as an increasing range of applications.



Manufacturing locations
Markets with Jowat Group companies
Markets with Jowat distribution partners

We provide a comprehensive advisory service and competent know-how for the entire process: From the constant search for and testing of new, sustainable raw materials, to the development of innovative adhesive products in close contact with subsuppliers and processors, to application-related support, and to individual process analyses. For many years, Jowat has played a key role in safeguarding success and protecting investments by providing adhesive solutions which facilitate the optimization of products and processes.

Have we sparked your interest? Contact us! We look forward to working together.

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.

Jowat Adhesives

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