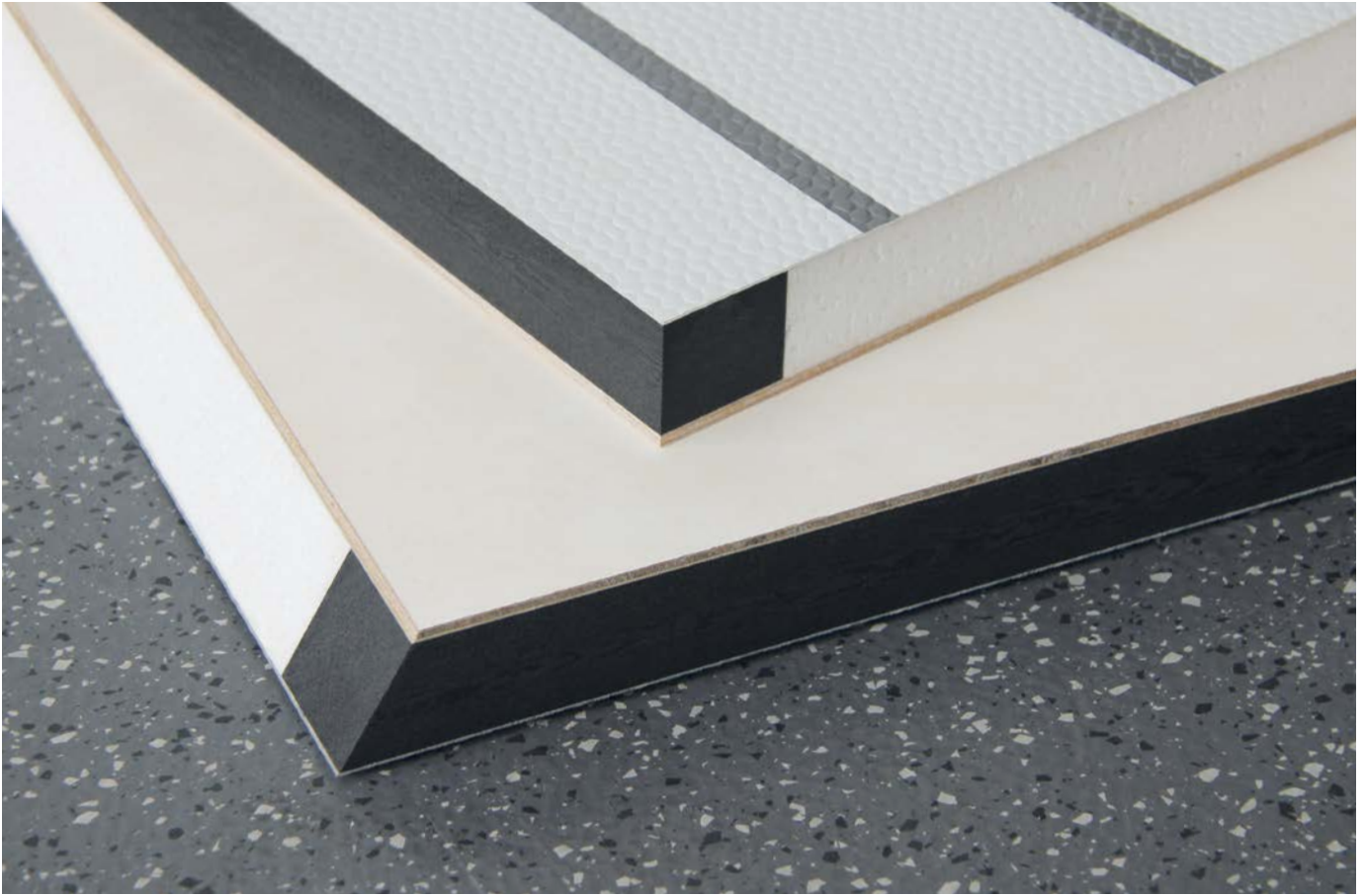


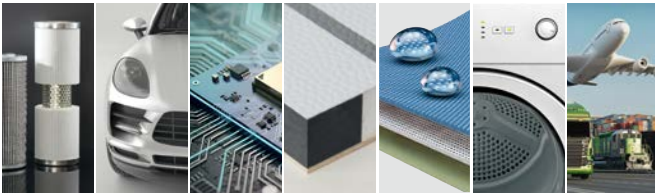
ADHESIVES FOR SANDWICH PANELS AND COMPOSITE ELEMENTS





ADVANCEDmaterials

Filter-Automotive-Electronics-Sandwich-Textile-White Goods-Transportation



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ABOUT US

KLEIBERIT adhesives have become indispensable in many areas of our modern world. Today, KLEIBERIT SE & Co. KG, located in Weingarten, Baden, is one of the most modern and innovative research and manufacturing centers in the world. Here, in close collaboration with international customers, innovative adhesive systems are developed and produced for use in a wide range of applications.

KLEIBERIT employs approximately 700 people worldwide. With an annual production volume of around 50,000 tons of adhesives, the product portfolio is precisely tailored to customer needs, while global availability is ensured through an intelligent logistics concept.

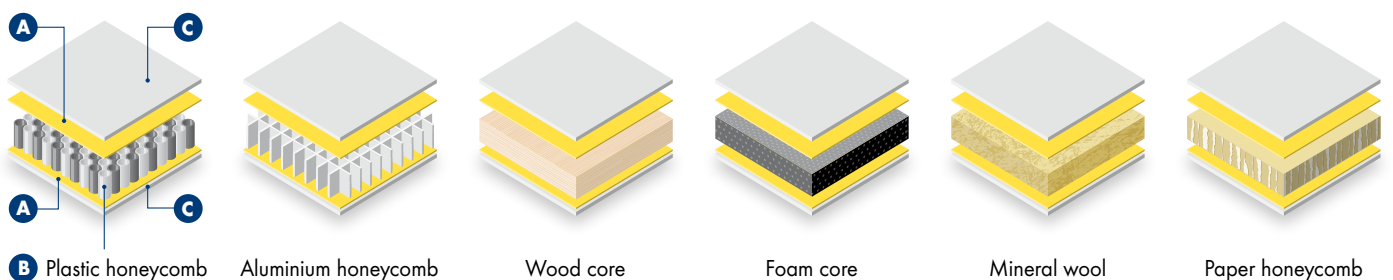
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Perfectly tailored to the production of sandwich panels and lightweight panels

With KLEIBERIT PUR hot-melt adhesives, you get high process reliability combined with maximum flexibility. Our systems are designed for industrial Sandwich and composite processes: They support the transition from cycle-based to inline production, simplify processing in daily operations, and ensure reliable adhesion to a wide variety of materials.

Our **Adhesives A** bond **Core Materials B** permanently and uniformly to durable **Surface Layers C**. This results in dimensionally stable, rigid, and torsion-resistant composites – even for demanding applications.

With KLEIBERIT you benefit from cost-effective processes, high-quality components and a combination of materials that optimally balances lightness, strength and design freedom. Our high-performance systems help you sustainably optimize the functionality and service life of your lightweight construction projects.



FACADES AND DOORS

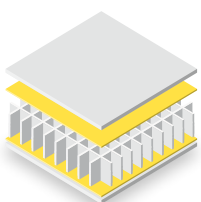


With KLEIBERIT adhesive systems you can improve the cost predictability of your production - from facades and exterior insulation finishing systems (EIFS) through sandwich roof panels to insulation and fire protection panels. You obtain durable, weather-resistant bonds with high resistance to temperature fluctuations and moisture, ensuring components that perform reliably over the long term.

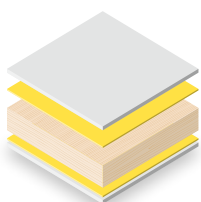
The fast curing time shortens your production lead times, reduces process risks and supports efficient mass production.

Furthermore, the ability to automate the application process contributes to predictable workflows and high productivity in the production of facades.

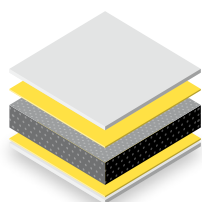
In doors, KLEIBERIT systems ensure durable, flexible bonds between door panels and door frames - even in cold store doors. Their high adhesion strength and vibration damping support robust constructions and minimize quality risks. Our dispensable and pumpable systems facilitate automation - for stable processes and consistent quality.



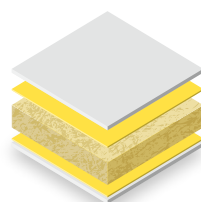
Aluminium honeycomb



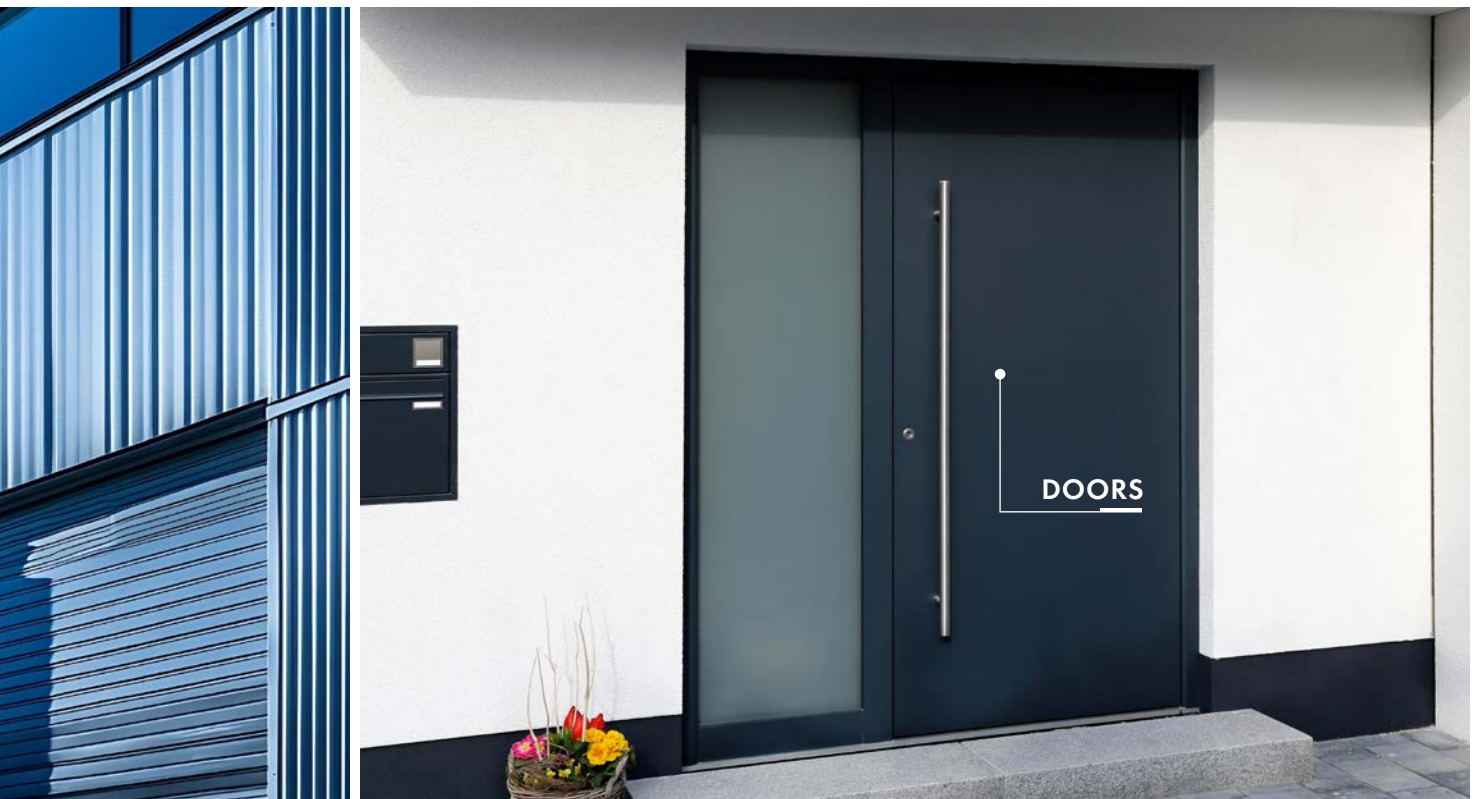
Wood core









Foam core



Mineral wool



	Product	Open time	Properties	D4	Watt 91		
2C PUR	543.5	60 min	2C adhesive with a medium open time and excellent adhesion to various substrates				
	543.8	25 min	2C adhesive, thermally catalyzed for short cycle times in a heated press			✓	
	546.8	120 min	2C adhesive with a long open time and excellent adhesion to various substrates			✓	
	557.7.20	5 min	2C adhesive foam for open-pored substrates				
1C PUR	501.0	20 min	Universal 1C PUR adhesive, foaming	✓	✓	✓	
	508.5	10 min	Universal 1C PUR adhesive with low calorific value, foaming			✓	
PUR-HM	706.1	4 min	Universal PUR-hotmelt with medium open time and high initial strength			✓	✓
	706.4	4 min	Universal PUR-hotmelt with medium open time and very high initial strength				✓
	711.3	3 min	Universal PUR-hotmelt with medium open time, optimized for impermeable substrates			✓	✓
STP	605.1	15 min	Reactive, isocyanate-free liquid adhesive with excellent adhesion to inorganic materials, non-foaming				

 Bond quality D4 according to DIN EN 204
  Tested according to DIN EN 14257
  IMO-certified
  Micro-Emission

CARAVANS, VEHICLES AND TRAILERS

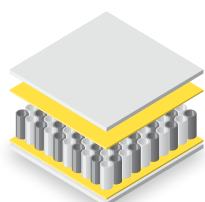


In the construction of caravans and vehicles, adhesives and sealing systems play a key role in ensuring quality, reducing weight and providing long-term stability. KLEIBERIT offers solutions that cure quickly, achieve high shear strength and perform reliably even under temperature fluctuations and vibrations. This results in durable, flexible bonds that are resistant to moisture and temperature – ensuring robust components and consistently high performance.

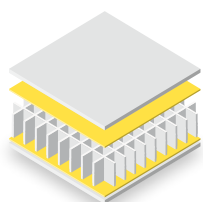
Whether wall and roof panels, floor structures, bonding of fibreglass and aluminium or furniture and interior fittings: Modern bonding and sealing solutions enable sturdy

frame structures, efficient insulation panels, and exceptionally light, durable lightweight construction applications. You benefit from high process reliability in manufacturing and dependable performance in use.

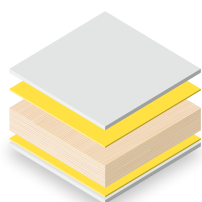
With KLEIBERIT you get a broad portfolio of adhesive systems, PUR adhesives, and STP polymers that meets virtually all requirements for surface bonding in the caravan and vehicle manufacturing industries.



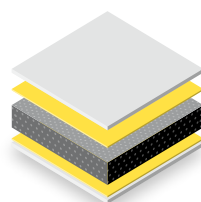
Plastic honeycomb



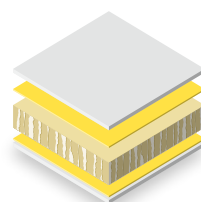
Aluminium honeycomb



Wood core



Foam core



Paper honeycomb

BONDING OF FIBREGLASS AND ALUMINIUM



	Product	Open time	Properties	D4	Watt 91	IMO-certified	ME
2C PUR	543.5	60 min	2C adhesive with a medium open time and excellent adhesion to various substrates				
	543.8	25 min	2C adhesive, thermally catalyzed for short cycle times in a heated press			✓	
	546.8	120 min	2C adhesive with a long open time and excellent adhesion to various substrates			✓	
	557.7.20	5 min	2C adhesive foam for open-pored substrates				
1C PUR	501.0	20 min	Universal 1C PUR adhesive, foaming	✓	✓	✓	
	508.5	10 min	Universal 1C PUR adhesive with low calorific value, foaming			✓	
PUR-HM	706.1	4 min	Universal PUR-hotmelt with medium open time and high initial strength			✓	✓
	706.4	4 min	Universal PUR-hotmelt with medium open time and very high initial strength				✓
	711.3	3 min	Universal PUR-hotmelt with medium open time, optimized for impermeable substrates			✓	✓
1C STP assembly adhesive	584.3	25 min	1C STP assembly adhesive with a long open time and high flexibility				
	601.1	8 min	1C STP assembly adhesive with very high initial strength				
	601.4	8 min	1C STP assembly adhesive with high initial strength and excellent heat and chemical resistance				
	566.0	60 min	Permanently elastic 1C PUR assembly adhesive, also suitable for sealing applications				
Primer	830.1	-	Surface preparation / adhesion promotion for metal surfaces in combination with reactive STP and PUR adhesives				
	830.2	-	Surface preparation / adhesion promotion for PMMA, PVC, and ABS when used with reactive STP and PUR adhesives				

CONTAINER AND GATE CONSTRUCTION

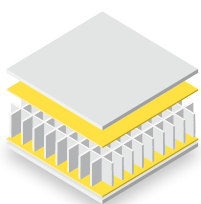


Adhesive systems are becoming increasingly important in the manufacture of containers and gate systems: They complement traditional joining methods and open up new possibilities for stable structures and more efficient production processes. With KLEIBERIT you benefit from high-performance solutions that enhance the stability of your components and significantly simplify the manufacturing process.

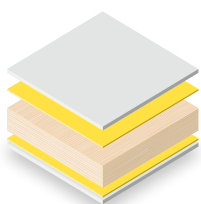
Our adhesive systems reliably bond a wide variety of materials, from steel and aluminium to composites and deliver high strength even under demanding conditions.

Thanks to their excellent resistance to weather, temperature and vibration, they are ideal for large-area panel bonding, frame constructions as well as assembly and sealing applications.

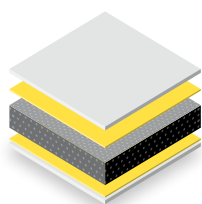
This allows you to benefit from robust, durable components, high process reliability and additional design options in lightweight construction. At the same time, you can reduce manufacturing steps, automate processes and significantly extend the service life of your containers and gate systems.



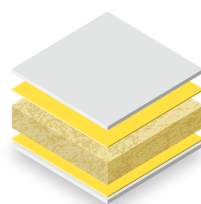
Aluminium honeycomb



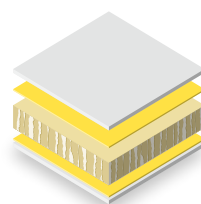
Wood core



Foam core






Mineral wool




Paper honeycomb




	Product	Open time	Properties	D4	Watt 91		
2C PUR	543.5	60 min	2C adhesive with a medium open time and excellent adhesion to various substrates				
	546.8	120 min	2C adhesive with a long open time and excellent adhesion to various substrates			✓	
	557.7.20	5 min	2C adhesive foam for open-pored substrates				
1C PUR	501.0	20 min	Universal 1C PUR adhesive, foaming	✓	✓	✓	
	508.5	10 min	Universal 1C PUR adhesive with low calorific value, foaming			✓	
PUR-HM	706.1	4 min	Universal PUR-hotmelt with medium open time and high initial strength			✓	✓
1C STP assembly adhesive	584.3	25 min	1C STP assembly adhesive with a long open time and high flexibility				
	601.1	8 min	1C STP assembly adhesive with very high initial strength				
	601.4	8 min	1C STP assembly adhesive with high initial strength and excellent heat and chemical resistance				
	566.0	60 min	Permanently elastic 1C PUR assembly adhesive, also suitable for sealing applications				

 Bond quality D4 according to DIN EN 204

 Tested according to DIN EN 14257

 IMO-certified

 Micro-Emission

PARTITION WALLS AND ACOUSTIC PANELS

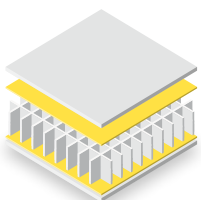


For partition walls and acoustic panels, you need adhesive solutions that are precise, durable, and gentle on materials. PU and STP polymer adhesives bond foam, absorber and felt materials to substrate panels with fast curing and reliable adhesion. Whether bonding textiles or acoustic felt: With KLEIBERIT you achieve elastic bonds that reduce stress and prevent material distortion – for clean surfaces and a consistently high-quality appearance.

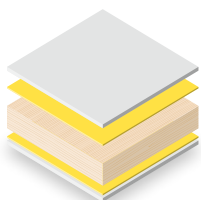
Partition walls also play a central role in modern interior design – both for flexible room layouts as well as for stability and durability. Our adhesives create permanently elastic bonds with very high initial adhesion. Whether you're work-

ing with wood, MDF, gypsum boards or making frame and profile joints: Benefit from strong, durable bonds and efficient installation processes.

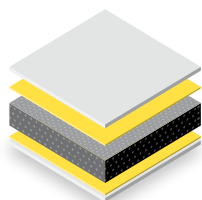
With KLEIBERIT adhesive solutions your products remain temperature- and moisture-resistant and retain their shape over the long term. Low-emission, odorless products help create a pleasant indoor environment and are ideal for offices, conference areas, or public facilities. This allows you to create a durable, dimensionally stable structure that meets high standards for functionality, acoustics, and design.



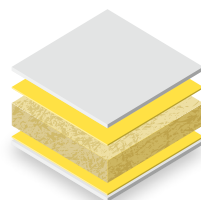
Aluminium honeycomb



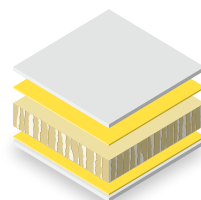
Wood core



Foam core





Mineral wool

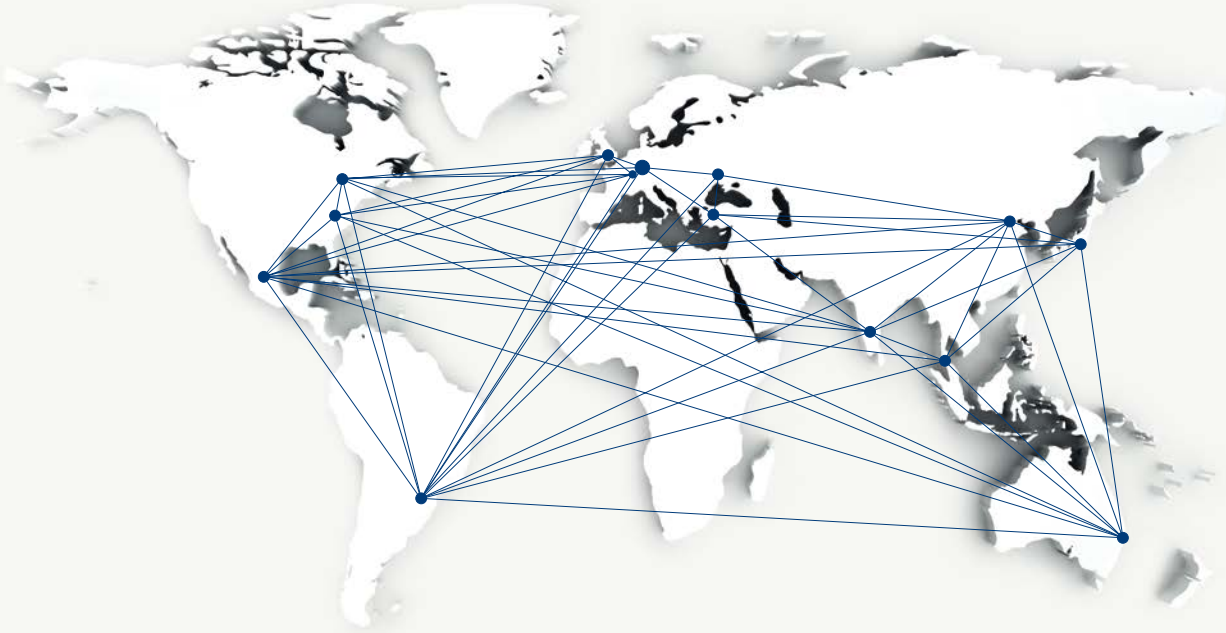


Paper honeycomb



	Product	Open time	Properties	D4	Watt 91		
2C PUR	543.5	60 min	2C adhesive with a medium open time and excellent adhesion to various substrates				
	557.7.20	5 min	2C adhesive foam for open-pored substrates				
1C PUR	501.0	20 min	Universal 1C PUR adhesive, foaming	✓	✓	✓	
	508.5	10 min	Universal 1C PUR adhesive with low calorific value, foaming			✓	
PUR-HM	706.1	4 min	Universal PUR-hotmelt with medium open time and high initial strength			✓	✓
	706.4	4 min	Universal PUR-hotmelt with medium open time and very high initial strength				✓
PO-HM	724.5	Up to 60 s	PO-HM with a long open time and high heat resistance. Optimized for roller application				
	727.3	Up to 120 s	PO-HM with a very long open time and high tack				
1C STP assembly adhesive	601.1	8 min	1C STP assembly adhesive with very high initial strength				
	601.4	8 min	1C STP assembly adhesive with high initial strength and excellent heat and chemical resistance				
	566.0	60 min	Permanently elastic 1C PUR assembly adhesive, also suitable for sealing applications				

KLEIBERIT SE & Co. KG – WORLDWIDE



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KLEIBERIT Adhesives of Canada Inc.
Toronto, Ontario, Canada

KLEIBERIT AUSTRALIA Pty Ltd.
Sydney, Australia

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