



**KLEIBERIT®**

ADHESIVES • COATINGS

# SeaCraft

KLEIBERIT Adhesive Systems for  
Ship and Boat Building



Competence **PUR**



***KLEIBERIT has been developing and producing high quality adhesive systems for a wide range of applications and industries for almost 70 years.***

With the SeaCraft product line, KLEIBERIT offers its customers a wide range of adhesives and sealants for a variety of applications in shipbuilding. KLEIBERIT Adhesives for production of aluminum lightweight panels and million fold proven adhesives such as KLEIBERIT PUR Adhesive 501.0 for highly resistant wood bonding round out the comprehensive portfolio. SeaCraft stands for KLEIBERIT's innovation and commitment to partners and for the reliability and durability of the end product.

The SeaCraft product line includes the following adhesive groups:

- 1C PUR Adhesives and Sealants
- PVAC Adhesives
- PUR Hotmelt Adhesives
- 2C PUR Adhesives



Environmental Management  
**ISO 14001**  
Quality Management  
**ISO 9001**  
Energy Management  
**ISO 50001**



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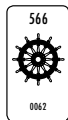
Application	Product	Page
Elastic adhesive sealing	566	4
Flat lamination	332.0, 347.0	7
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Insulating foam bonding	509.6	6
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	332.0	
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Lightweight panel production	503.9	5
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	700.5, 706.0	8
	706.1, 711.3	9
Wood bonding	501.0	5
	506.6	6
	303.0, 332.0, 347.0	7

For additional applications, please see the specific product data sheet

## One Component PUR Adhesive and Sealant Compounds

The products in the SeaCraft line offer ideally matched solutions for the various areas in marine industry applications. Availability in 600 ml sausages ensures easy, on-site processing.

### KLEIBERIT 566 Supracraft



Sealant

**Properties:**

- Universal sealant for wide application field
- Available in black, white and grey

**Processing:**

- Easy application with standard application pistols

**Fields of application:**

- Sealing in weatherproof areas

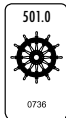




## 1C PUR Adhesives

KLEIBERIT 1C PUR adhesives feature very good adhesion, and excellent strength with simple, user friendly handling. The processing properties optimally match the specific field of application. Due to their slightly foaming character, these products are also suitable for bonding porous materials such as wood, fiber or insulating panels.

### KLEIBERIT 501.0 PUR-Adhesive



#### Properties:

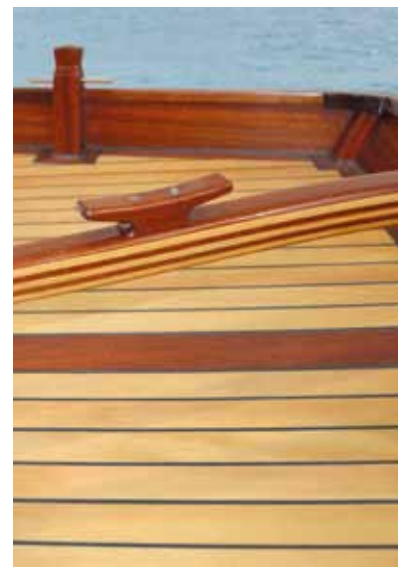
- Tested according to DIN EN 14257 (WATT 91) and DIN EN 204 (D4)
- Very good water and moisture resistance
- High heat resistance
- Wide bonding range

#### Processing:

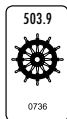
- Easy dosing from plastic bottles with patented lid
- Easy adhesive distribution, even on large surfaces

#### Fields of application:

- Window and door bonding, staircase construction and laminate bonding
- For interior and exterior areas (exterior with surface protection).
- Bonding of mineral material and hard foams



### KLEIBERIT 503.9



#### Properties:

- Elastic glue joint
- Light glue joint after curing
- Wide bonding range

#### Processing:

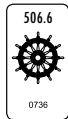
- Short press times
- Suitable for manual and automatic application

#### Fields of application:

- Production of sandwich elements with PUR or polystyrene cores
- Surface lamination with short cycle times



## KLEIBERIT 506.6 PUR-Adhesive



### Properties:

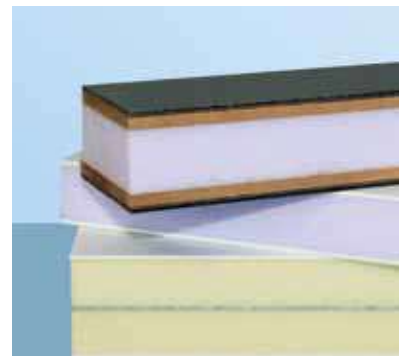
- Wide bonding range
- Medium hard adhesive joint

### Processing:

- Long open time
- Low viscosity
- Excellent processing in manual processes

### Fields of application:

- Production of sandwich elements with cores made from standard hard foams and various top layers.
- Large area bonding with manual production processes



## KLEIBERIT 509.6 Material Adhesive



### Properties:

- Elastic joint at temperatures from -25 °C to 50 °C
- Wide bonding range

### Processing:

- High foaming for porous substrates
- Low viscosity
- Easy processing

### Fields of application:

- Bonding of insulation material, insulating panels, etc.





## PVAC Dispersion Adhesives

KLEIBERIT offers numerous PVAC dispersions for gluing wood and wood based material. Select products are particularly suited for use in shipbuilding and offer our customers IMO certified solutions.

### **KLEIBERIT 303.0** Properties:



- Tested according to DIN EN 204 (D3)
- High quality universal glue

#### Processing:

- Easy application with all standard application processes
- Suitable for high frequency bonding

#### Fields of application:

- Window and door bonding
- Bonding of partitions and parts
- Stair construction
- Bonding of laminates
- Bonding of tenon and finger joints
- Bonding of hard and exotic timber
- High frequency bonding



### **KLEIBERIT 332.0** Properties:

#### Surface Adhesive



- Tested according to DIN EN 204 (D2)

#### Processing:

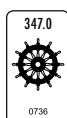
- Long open time
- Very good application properties

#### Fields of application:

- Veneer lamination of wood and wood based materials
- Flat lamination of HPL and CPL



### **KLEIBERIT 347.0** Properties:



- Tested according to DIN EN 204 (D2)

#### Processing:

- Optimized for postforming
- Suitable for roller and spray application
- Fast setting properties

#### Fields of application:

- Continuous and cycle process postforming
- Flat lamination of veneers, HPL and CPL
- Bonding of laminates in short cycle presses
- Assembly bonding and joint bonding

## PUR Hotmelt Adhesives

Polyurethane based hotmelt adhesives combine two important advantages of traditional adhesive groups: the bond has high strength through the fast cooling of the adhesive during the assembly process so further fixing or pressing is generally not required. Afterwards cross linking takes place with moisture from the substrates or the ambient air which gives PUR hotmelts their high temperature and moisture resistance.

### KLEIBERIT 700.5



#### Properties:

- Excellent durability
- Very good properties under changing climate conditions
- Very good adhesion on plastic surfaces

#### Processing:

- Application with spray, roller or slot nozzle
- Distinctive tackiness
- Good wetting of difficult substrates
- Low processing temperature
- Long open time

#### Fields of application:

- Assembly bonding
- Large area lamination of plastic foils
- 2 layer parquet production



### KLEIBERIT 706.0



#### Properties:

- Highly durable bonds
- Wide range of bonding

#### Processing:

- Optimized for flat lamination lines
- High green strength
- Application with roller and slot nozzle
- Very high service life in roller application

#### Fields of application:

- Flat lamination of various materials





## KLEIBERIT 706.1



### Properties:

- Highly durable bonds
- Wide range of bonding

### Processing:

- Optimized for flat lamination lines
- High green strength
- Application with roller and slot nozzle
- Very high service life in roller application

### Fields of application:

- Flat lamination of various materials



## KLEIBERIT 711.3



### Properties:

- Highly durable bonds
- Wide range of bonding
- Low monomeric MDI content < 1%

### Processing:

- Optimized for flat lamination lines
- High green strength
- Application with roller coater
- Long open time

### Fields of application:

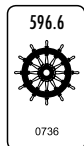
- Flat lamination of various materials
- Excellent for bonding impermeable substrates together



## 2C PUR Adhesives

In the field of 2 component PUR systems, KLEIBERIT can refer to many years of development experience together with several industrial partners. Innovative highlights from the 2C PUR adhesive field were specifically developed further for the production of lightweight and insulating panels in the marine segment.

### **KLEIBERIT 596.6** **Plastic-Mastic**



#### **Properties:**

- Good adhesion performance
- High strength with thin adhesive coat

#### **Processing:**

- Long open time
- Suitable for manual and automatic application with spray or roller application

#### **Fields of application:**

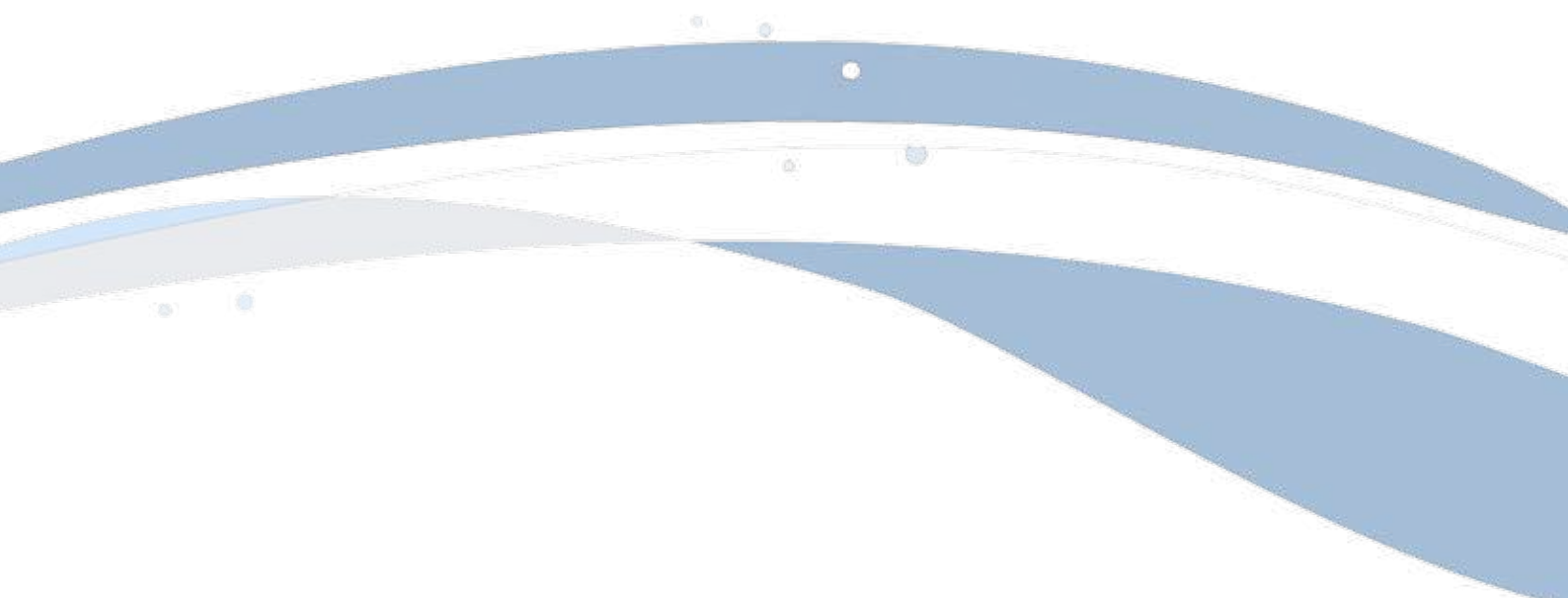
- Bonding of non or slightly porous materials e.g. XPS, wood, metals
- Sandwich panel production with various lot sizes





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