

THE KLEIBERIT 501 SERIES

KLEIBERIT 501.0

KLEIBERIT 501.4

KLEIBERIT 501.6

KLEIBERIT 501.8

D4


TIMING MAKES THE DIFFERENCE

For D4 bonding with reactive 1C PUR adhesives, timing is a decisive factor. With KLEIBERIT 501 series, we offer a wide range of possibilities in terms of open time. Produce bonds of the highest quality. Whether rapid assembly bonding or time-consuming bonding of surfaces or molded wood components - with KLEIBERIT 501 series, the following materials can be successfully combined: wood and wood-based materials, mineral materials and a variety of plastics. Thanks to tested D4 quality, it is possible to create durable bonds that easily withstand extreme temperatures and weather conditions. The adhesives in the 501 series can be used for indoor and outdoor applications.

FIELDS OF APPLICATION

- Manufacture of wall elements and other non-load-bearing structures made of wood and wooden materials
- Manufacture of wood products that are exposed to the weather, such as windows, doors, fence elements and terrace components, each with a suitable surface protection
- Adhesion of wooden products and elements that are subject to high loads or are temporarily exposed to increased moisture, such as parquet flooring, sauna and bathroom furniture
- Bonding of mineral building boards, ceramic and concrete materials and hard foams

ADVANTAGES

- Only one component
- Easy application
- The glue line is resistant to high temperatures
- Bond quality **D4** according to **DIN EN 204**
- Tested according to **DIN EN 14257 (Watt 91)**

KLEIBERIT 501.0 IMO CERTIFICATE

- Bonding in shipbuilding
Approval No.: 118.229-3
Certified application quantity: 150 g/m²



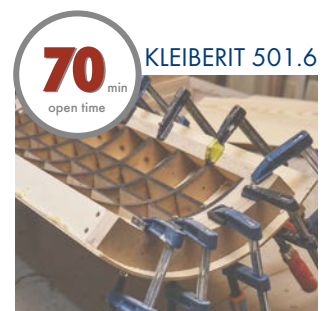
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THE KLEIBERIT 501 SERIES



KLEIBERIT 501.4
VERY FAST
AND RELIABLE



KLEIBERIT 501.8
FAST AND YET
FLEXIBLE



KLEIBERIT 501.0
A REAL CLASSIC



KLEIBERIT 501.6
THE RECIPE FOR
SUCCESS FOR COM-
PLEX D4 GLUING
APPLICATIONS

PRODUCT OVERVIEW

Products	D4	Watt 91	Viscosity at 20 °C (mPa·s)	Open time	Minimum press time			Final setting time
					20 °C	40 °C	60 °C	
501.0 	x	x	7,000 ± 1,500	approx. 20-25 min	from 60 min	from 30 min	from 10 min	approx. 2-3 h
501.4	x	x	7,500 ± 2,000	approx. 4 min	from 15 min	from 10 min	from 6 min	approx. 1 h
501.6	x	x	7,000 ± 1,500	approx. 70 min	6-7 h	2-3 h	1-2 h	1 day
501.8	x	x	7,000 ± 2,000	approx. 10 min	from 30 min	from 15 min	from 7 min	approx. 1 h
507.9	x		3,500 ± 800	approx. 15 min	45-60 min	25-30 min	15-20 min	approx. 1-2 h

Exact times must be established for the particular application according to the conditions in question.



More
information
about the
501 series

KLEIBERIT 507.9 - TRANSPARENT PUR GLUE FOR LIGHT GLUE LINES

FIELDS OF APPLICATION

- Bonding windows and doors
- Stair assembly
- Laminate bonding for interior and exterior area (exterior with surface protection)
- Bonding of mineral building boards, ceramic and concrete materials and hard foams



ADVANTAGES

- Only one component
- Easy application
- Very light glue line
- Low foaming
- The thermosetting glue joint is resistant to high temperatures and achieves highest bonding strength
- Bond quality **D4** according to **DIN EN 204**
- Tested according to **DIN EN 14257 (Watt 91)**