

# CONLOC<sup>®</sup> UV



Quality-  
Products



Your **expert** for **bonding** and **sealing**



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**ORIGINAL CONLOC®**  
UV 665  
UV-Kleber  
EGO Dichtstoffwerke GmbH & Co. Betriebs AG  
Kaltenbrunn 27 · D-82467 Garmisch-Partenkirchen  
Tel +49 (0)8921 95 00 0 · Fax +49 (0)8921 95 00 1  
Mail info@ego.de  
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Type	Cleaning	Viscosity	Consistency	Calculation index	Tensile shearing strength	Gap widths	Irradiation for hardening	Activator hardening	Temperature resistance	Shore D hardness	Lin. shrinkage
CONLOC® UV 651	Use of EGO CLEANER SOFT for the last cleaning procedure.	approx. 5500 mPa/sec	viscous	approx. 1.50	> 10 N/mm <sup>2</sup>	0.05 – 0.5 mm	UVA 320 – 400 nm	no	N/A	approx. 70	approx. 8%
CONLOC® UV 665		approx. 50 mPa/sec	capillary fluid	approx. 1.50	> 15 N/mm <sup>2</sup>	0.05 – 0.1 mm	UVA 320 – 400 nm	no	120 °C	approx. 75	approx. 2%
CONLOC® UV 665 COLOURED		approx. 200 mPa/sec	fluid			0.1 – 0.2 mm	UVA 320 – 400nm	no	N/A	approx. 75	approx. 2%
CONLOC® UV 680		approx. 800 mPa/sec	medium-viscous	approx. 1.47	> 15 N/mm <sup>2</sup>	0.08 – 0.5 mm	UVA/day light 320 – 420 nm (also with LED)	no	120 °C	approx. 75	approx. 3%
CONLOC® UV 683		approx. 1000 mPa/sec	medium-viscous	approx. 1.47	> 15 N/mm <sup>2</sup>	0.08 – 0.3 mm	UVA 320 – 400 nm	yes*	150 °C	approx. 75	approx. 3%
CONLOC® UV 685		approx. 3500 mPa/sec	viscous	approx. 1.50	> 15 N/mm <sup>2</sup>	0.05 – 0.2 mm	UVA 320 – 400 nm	no	N/A	approx. 80	approx. 2%
CONLOC® UV 688		approx. 85 mPa/sec	capillary fluid	approx. 1.50	> 10 N/mm <sup>2</sup>	0.05 – 0.2 mm	UVA/day light 320 – 420 nm	no	N/A	approx. 80	2%
CONLOC® UV 690		approx. 2500 mPa/sec	viscous	approx. 1.50	> 10 N/mm <sup>2</sup>	0.05 – 0.2 mm	UVA 320 – 400 nm	no	N/A	approx. 60	approx. 1%

\*For gluing of CONLOC UV 683 along shaded surfaces, apply a thin coat on one side (coat thickness of activator 5%, coat thickness of adhesive 95%).



## CONLOC® UV 651, CONLOC® UV 665

## Areas of application

glass/glass, glass/metal

## Characteristics

## CONLOC® UV 651

Löse-  
mittel  
frei max.  
60°

## CONLOC® UV 665

Löse-  
mittel  
frei max.  
60° kapillar  
dünn-  
flüssig

UV 665



UV 651

## CONLOC® UV 665 COLOURED

## Areas of application

glass/glass

## Characteristics

Löse-  
mittel  
frei max.  
60° dünn-  
flüssig

	20 g Bottle	100 g Bottle	250 g Bottle	1000 g Bottle
CONLOC® UV 651	740651610	740651640	740651650	740651680
CONLOC® UV 665	740665610	740665640	740665650	740665680

CONLOC® UV 651 UV adhesive is a viscous, solvent-free, single-component adhesive that polymerises photochemically through irradiation of UV light.

Bonding of glass/glass or glass/metal in indoor areas, with high visual accuracy.

CONLOC® UV 651 is not suitable for production of aquariums. With temperature loads of over 60 °C there is a risk of yellowing.

CONLOC® UV 665 UV adhesive is a capillary-fluid, solvent-free, single-component adhesive that polymerises photochemically through irradiation of UV light.

Bonding of glass/glass in indoor areas, edge-bonding of lenses with high visual accuracy, to be preferably used for plane surface bonding. CONLOC® UV 665 is not suitable for production of aquariums. With temperature loads of over 60 °C there is a risk of yellowing!

	20 g Bottle	100 g Bottle
blue	740665616	740665646
yellow	740665615	740665645
green	740665617	740665647
red	740665614	740665644
black	740665618	740665648
Farbset (blue / yellow / green / red / black)	740665613	

CONLOC® UV 665 coloured UV adhesives are fluid, solvent-free, single-component adhesives that polymerise photochemically through irradiation of UV light. The colours are lightfast and UV-resistant. Colours: blue, yellow, green, red, black.

For surface bonding only! Surface bonding of glass/glass in indoor areas for colour design in the areas of arts and crafts and in industrial production.

# CONLOC® UV ADHESIVE

	20 g Bottle	100 g Bottle	250 g Bottle	1000 g Bottle
CONLOC® UV 680	740680610	740680640	740680650 *	740680680
CONLOC® UV 683	740683610	740683640	740683650	740683680
CONLOC® UV 685	740685610	740685640	740685650	740685680

\* The marked item numbers are available in deviating minimum purchase quantities  
**CONLOC® UV 680** UV adhesive is a medium-viscous, solvent-free, single-component adhesive that polymerises photochemically through irradiation of UV light. Bonding of glass/aluminium, glass/glass, VSG, glass/metal (e.g. stainless steel aluminium) or stone and in all areas where high strength is required, high visual accuracy, high-strength, resistant to impacts. **CONLOC® UV 680** is not suitable for production of aquariums. With temperature loads of over 60 °C there is a risk of yellowing!

**CONLOC® UV 683** UV adhesive is a medium-viscous, solvent-free, single-component adhesive that polymerises photochemically through irradiation of UV light. Bonding of glass/glass or glass/metal, glass/die-cast zinc, glass/thermoplastic materials, glass/stone, in indoor areas, translucent, high temperature resistance. **CONLOC® UV 683** is not suitable for production of aquariums. With temperature loads of over 60 °C there is a risk of yellowing!

**CONLOC® UV 685** UV adhesive is a viscous, solvent-free, humidity-resistant, single-component adhesive that polymerises photochemically through irradiation of UV light. Bonding of glass/glass in indoor areas, e.g. terrariums, glass/metal, glass/ceramics, glass/iron resistant to vibrations and impacts, high visual accuracy, excellent resistance to humidity. **CONLOC® UV 685** is not suitable for production of aquariums. In case of temperature loads of more than room temperature, there is a risk of yellowing.

	20 g Bottle	100 g Bottle	250 g Bottle	1000 g Bottle
CONLOC® UV 688	740688610	740688640	740688650	740688680
CONLOC® UV 690	740690610	740690640*	740690650*	740690680*

\* The marked item numbers are available in deviating minimum purchase quantities  
**CONLOC® UV 688** UV adhesive is a fluid, solvent-free, single-component adhesive that polymerises photochemically through irradiation of UV light or daylight. Bonding of glass/glass, VSG, glass/ceramics, glass/iron, glass/metal, glass/brick in indoor areas, high visual accuracy, capillary, compound glass adhesive, adhesion on clear and coloured glass. Good tensile force and compression resistance. **CONLOC® UV 688** is not suitable for production of aquariums. In case of temperature loads of more than room temperature, there is a risk of yellowing.

**CONLOC® UV 690** UV adhesive is a viscous, solvent-free, single-component adhesive that polymerises photochemically through irradiation of UV light. Bonding of glass/glass, glass/ABS, glass/PVC in indoor areas, with high visual accuracy. **CONLOC® UV 690** is not suitable for production of aquariums. In case of temperature loads of more than room temperature, there is a risk of yellowing.

## CONLOC® UV 680, CONLOC® UV 683, CONLOC® UV 685

### Areas of application

<b>CONLOC® UV 680</b>	<b>CONLOC® UV 683</b>	<b>CONLOC® UV 685</b>
glass/glass, metal/VSG stone/VSG	glass/glass, glass/metal glass/stone	glass/glass, terrariums

### Characteristics

Löse-  
mittel  
frei



UV 680



UV 683



UV 685

## CONLOC® UV 688, CONLOC® UV 690

### Areas of application

<b>CONLOC® UV 688</b>	<b>CONLOC® UV 690</b>
glass/glass, glass/VSG	glass/glass

### Characteristics

Löse-  
mittel  
frei



UV 688



UV 690

## CONLOC® AKTIVATOR 953

## Areas of application

Non-UV-light-permeable applications



	100 ml Bottle
	790953640

CONLOC® AKTIVATOR 953 is a ready-to-use e, solvent-containing liquid for activation of the hardening of the UV adhesive CONLOC UV 683.

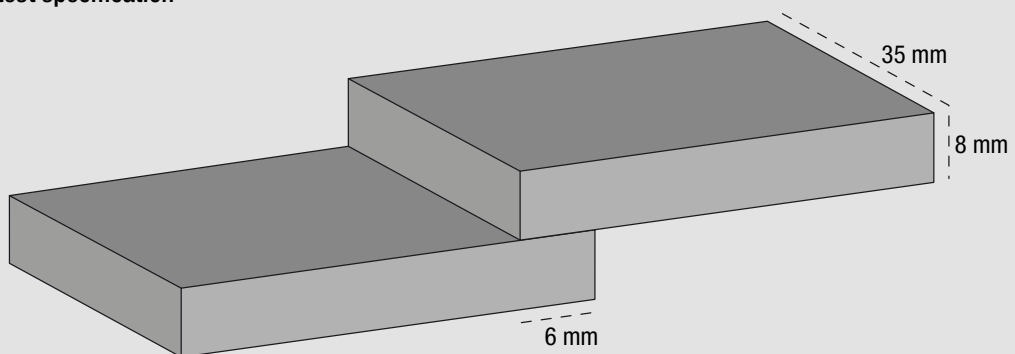
With VSG and other materials that are not permeable to UV, as well as shaded areas, the CONLOC® AKTIVATOR 953 may also be used to harden the CONLOC® UV 683 UV-adhesive without UV radiation. Typical areas of application are e.g.: adhesion of glass in U-shaped rails, mutually covering hardware, handles, and the like. For VSG bonding, the daylight-hardening UV adhesive CONLOC® UV 688 may also be used.

## Notice

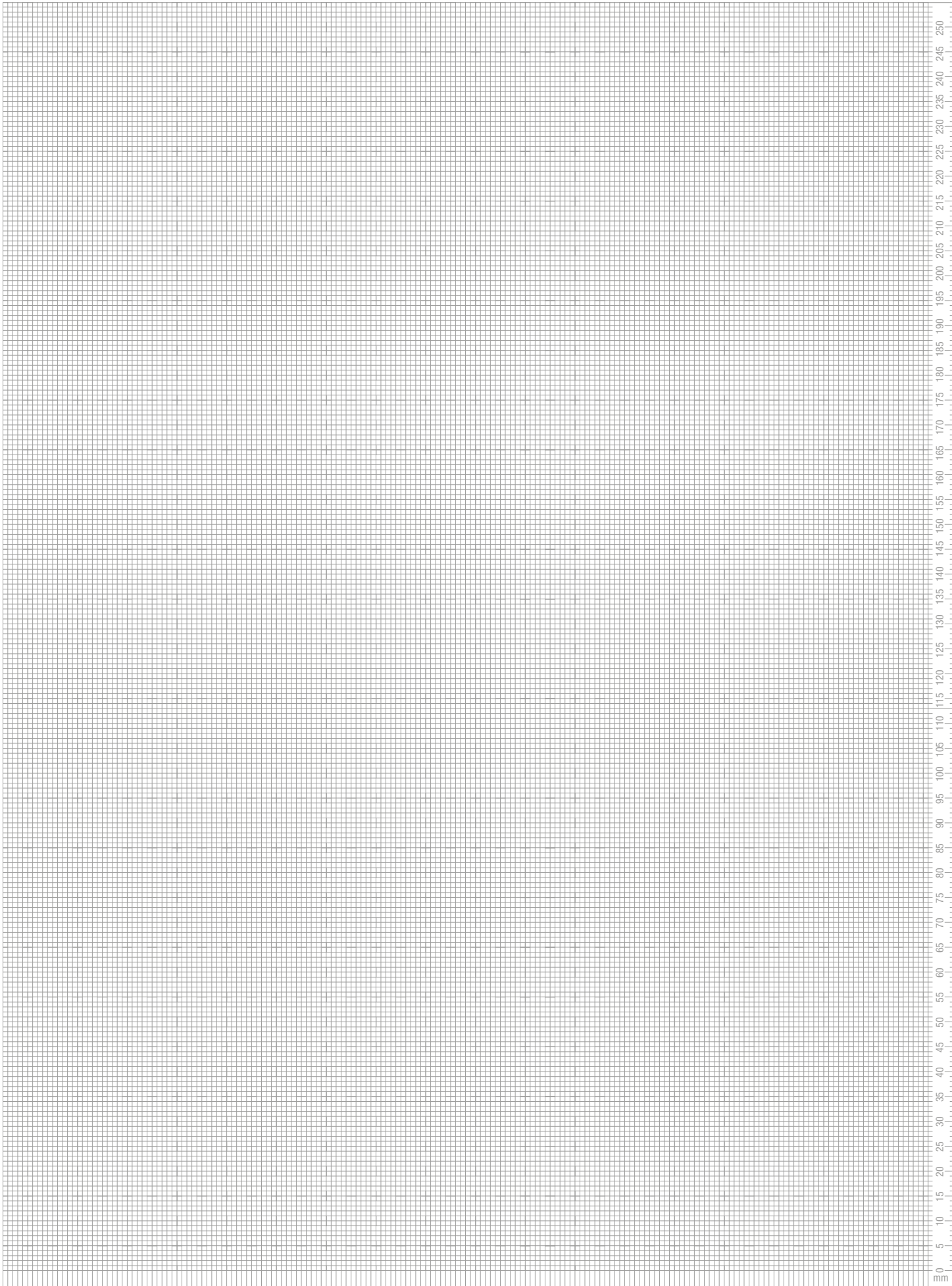
In addition to the information in our data sheets, the respective DIN standards as well as the associated rule books and regulations by various specialist associations and organisations must be heeded for the service to be provided. The information and recommendations for processing of the products are based on our technical application tests, our product knowledge and specialist know-how and our practical experience. Due to the different kinds of materials, object-specific conditions and working conditions that are beyond our influence options, we recommend performing your own tests and trials in any case, to ensure suitability of the product for the intended application.

Generally, we recommend performing a test bond and subsequently checking the load-bearing capacity / load-bearing limit of the bond through separate tests (impacts, canting, movement). Please consider the temperature load to be expected during testing. In case of questions, please consult an expert. No liability of any kind can be deduced from the information provided here or from any oral consulting.

## Tensile shearing strength test specification



- referred to a bonding surface of 6 x 35 mm, overlapping
- GLASS/GLASS bonding
- UV irradiation is possible with suitable UV lamps
- measured normal climate conditions +23 °C (50 % relative humidity)
- Speed of removal 1 mm/minute
- Substrate cleaning using EGO CLEANER SOFT



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- New Zealand
- Netherlands
- Norway
- Sweden
- Switzerland
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- Czech Republic
- UAE

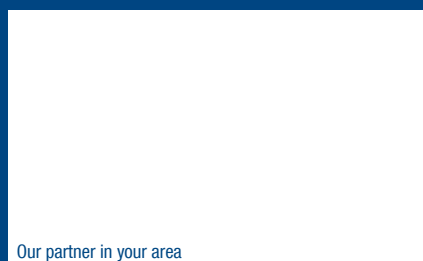
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