German Quality
Industrial grade

WEICON®

NEWPRODUCTS 2021



www.weicon.com

V 1.21

kununu TOP COMPANY VON MITARBEITERN EMPFOHLEN!
kununu OPEN COMPANY WIR LEBEN OFFENHEIT!
TOP ARBEITGEBER MITTELSTAND 2021 FOCUS
CORPORATE HEALTH INITIATIVE 2020
TÜVRheinland ZERTIFIZIERT

Management System
ISO 9001:2015
ISO 14001:2015
www.tuv.com
ID 9108636595

WEICON GL



flowable | mineral-filled | extremely wear-resistant | temperature-resistant up to +180 °C (+356 °F)

The epoxy resin system WEICON GL provides high abrasion resistance and serves as wear protection for heavily used surfaces. It is flowable, has a high initial strength, is mineral-filled, and resistant to chemicals.

It is particularly suitable for lining heavily stressed pump casings, as wear protection for slide bearings, chutes, funnels and pipes and for the repair of castings, valves and fan blades.

The product can be used in mechanical and plant engineering, in equipment engineering, and in many other areas of industry. WEICON GL is also well-suited for creating a system structure in combination with WEICON Ceramic BL. Due to the different colours of the two wear protection systems, the degree of wear can be easily determined during visual inspections.

IN COMBINATION WITH
WEICON CERAMIC BL

PERFECT AS CONTROL LAYER



- 0.2 kg — 10700002
- 0.5 kg — 10700005
- 1.0 kg — 10700010

Technical Data Easy-Mix PU Crystal

Characteristics		
Base		**polyurethane**
Colour after curing		**crystal clear**
Processing		
Mixing ratio resin/hardener		**1:1**
Density of the mixture		**1.13 g/cm³**
Gap bridging		**0.1 - 4.0 mm**
Curing		
Pot life at +20 °C (+68 °F)		**2 - 4 min.**
Handling strength (35% strength) after		**30 min.**
Hard-wearing (50 % Festigkeit) after		**60 Min.**
Final strength (100% strength) after		**12 h**
Mechanical properties after curing		
Tensile strength	DIN EN ISO 527-2	**12 N/mm²**
Elongation at break	DIN EN ISO 527-2	**20 %**
Hardness (Shore D)	DIN ISO 7619	**73**
Lap shear strength for material thickness 1.5mm	DIN EN 1465	
	Aluminium	**11 N/mm²**
	Bright steel	**17 N/mm²**
	Galvanised steel	**12 N/mm²**
	Stainless steel	**17 N/mm²**
	PC (polycarbonate)	**3.2 N/mm²**
	PMMA	**2.3 N/mm²**
Thermal parameters		
Temperature resistance		**-55 °C to +100 °C**



WEICON Easy-Mix Mixing and Dosing System

Thanks to the modern mixing and dosing system WEICON Easy-Mix, the Easy-Mix types can be automatically dispensed, mixed and applied in just one step.

- abrasion-proof wear protection
- temperature-resistant up to +180 °C (356 °F)

Technical Data WEICON GL

Characteristics		
Base		**epoxy**
Filler		**mineral-filled**
Texture		**flowable**
Colour after curing		**green**
Application		
Mixing ratio by weight		**100:20**
Mixing ratio by volume		**100:26**
Viscosity of the mixture at 25°C and 20 1/s		**13,000 mPa·s**
Consumption for layer thickness of 1.0 mm		**1.3 g/cm³**
Max. layer thickness per work step		**10 mm**
Curing		
Pot life at 20 °C (500g batch)		**30 min.**
Reapplication (35 % strength) possible after		**3.5 h**
Hard-wearing (80 % strength) after		**6.0 h**
Final strength (100 % strength) after		**8.0 h**
Mechanical properties after curing		
Tensile strength	DIN EN ISO 527-2	**59 MPa**
Compressive strength	DIN EN ISO 604	**99 MPa**
Flexural strength	DIN EN ISO 178	**29 MPa**
Hardness (Shore D)	DIN ISO 7619	**± 81**
Lap shear strength for material thickness 1.5mm DIN EN 1465 Steel 1.0338 sandblasted		**12 MPa**
Thermal parameters		
Temperature resistance		**-35 °C to +180 °C**

EASY-MIX PU CRYSTAL



high-strength | fast-curing | for transparent and visually appealing adhesive bonds | pot life approx. 120 - 240 seconds

High-strength, fast-curing structural adhesive based on PU. Suitable for transparent and visually appealing adhesive bonding of e.g. plastic and glass. Very good adhesion to different materials. Pot life: approx. 2-4 minutes.

- 50 ml — 10758050



CA-REMOVER

Breaks down and removes all types of cyanoacrylate adhesives

Suitable for cleaning metal parts, tools and many different surfaces that have come into contact with cyanoacrylate adhesives.

▸ 30 ml
12470030



Technical Data CA-Remover

Colour	**colourless**
Flash point	**> 120 °C**
Viscosity	**3 - 10 mPa·s**
Density of the mixture	**1.2 g/cm³**

EPOXY MINUTE ADHESIVE SET

Comprising:
Epoxy Minute Adhesive, Wooden Spatula small, Mixing Nozzle Quadro, PE gloves

▸ Set
10550025



Epoxy Minute Adhesive

viscous | self-levelling | very short pot life | fast-curing | transparent

Technical Data Epoxy Minute Adhesive

Base		**epoxy resin, non-filled**
Colour		**transparent**
Mixing ratio by volume resin/hardener (automatically)		**1:1**
Density of the mixture		**1.15 g/cm³**
Viscosity of the mixture at +25°C (+77 °F)		**8,500 mPa·s**
Gap bridging max.		**2 mm**
Processing temperature		**+10 °C to +30 °C**
Cure temperature		**+6 °C to +40 °C**
Pot life at +20 °C (+68 °F) for 10 ml match		**3 - 4 min.**
Handling strength (35% strength) after		**30 min.**
Hard-wearing (50% strength) after		**1 h**
Final strength (100% strength) after		**24 h**
Tensile strength	DIN EN ISO 527-2	**9 Mpa**
E-modulus (tensile)	DIN EN ISO 527-2	**40 Mpa**
Compressive strength	DIN EN ISO 604	**58 Mpa**
Flexural strength	DIN EN ISO 178 178	**2,000 - 2,500 Mpa**
Hardness (Shore D)	DIN ISO 7619	**65**
Medium lap shear strength according to DIN EN 1465 on		
Steel sandblasted		**20 N/mm²**
Alu sandblasted		**19 N/mm²**
PVC rigid, roughened		**13 N/mm²**
Temperature resistance		**-50 °C to +80 °C**

EASY-MIX RK-7100 BLACK



fast-curing | high-strength | impact-resistant | residual elasticity

Base methyl methacrylate. High-strength, fast-curing structural adhesive with very good adhesion to plastics, fibre composites, metals, and many other materials. High viscosity, therefore suitable for application on vertical surfaces. Pot life: approx. 5 minutes.

▸ 50 g
10566150
black

Technical Data Easy-Mix RK-7100 Black

Base	**methyl methacrylate**
Colour after curing	**black**
Mixing ratio resin/hardener	**1:1**
Density of the mixture	**0.98 - 1.02 g/cm³**
Viscosity of the mixture	**40,000 - 60,000 mPa·s**
Pot life at +20 °C (+68 °F)	**5 min.**
Handling strength (35% strength) after	**25 min.**
Hard-wearing (50 % Festigkeit) after	**60 Min.**
Final strength (100% strength) after	**12 h**
Tensile strength DIN EN ISO 527-2	**24 N/mm²**
Elongation at break DIN EN ISO 527-2	**28 %**
Gap bridging	**0.1 - 5.0 mm**
Lap shear strength according to DIN EN 1465 on	
Aluminium	**20 N/mm²**
Steel sandblasted	**23 N/mm²**
Stainless steel	**22 N/mm²**
PC (polycarbonate)	**12 N/mm²**
PMMA	**9 N/mm²**
ABS	**7 N/mm²**
PVC rigid	**12 N/mm²**
FRP	**21 N/mm²**
CFRP	**22 N/mm²**
Polyamide 6.6	**1 N/mm²**
Temperature resistance	**-55 °C to +125 °C**

BELT REPAIR-KIT

fast-curing 2-component polyurethane system | highly elastic | wear-resistant | impact- and abrasion-resistant | high tear resistance

- fast and easy repair of conveyor belts
- for repairing and coating rubber surfaces





Belt Repair-Kit 550

- 500 g Work Package + Primer G 50 g

10851005



Belt Repair-Kit 590

- 540 g Cartridge + Primer G 50 g

10851015

URETHANE 85

Pasty polyurea
Flexible coating resin with high impact strength and abrasion resistance.
Temperature-resistant from -60 °C to +100 °C.

Shore hardness: A 85

▸ 500 g	▸ 540 g
10800005	10800540
Work Package	Cartridge



Dispenser 2C 10:1

Recommended for the 2-component 540g cartridge.

10653491

Primer G

Special bonding agent for urethanes for the pre-treatment of rubber and metal surfaces.

10809050



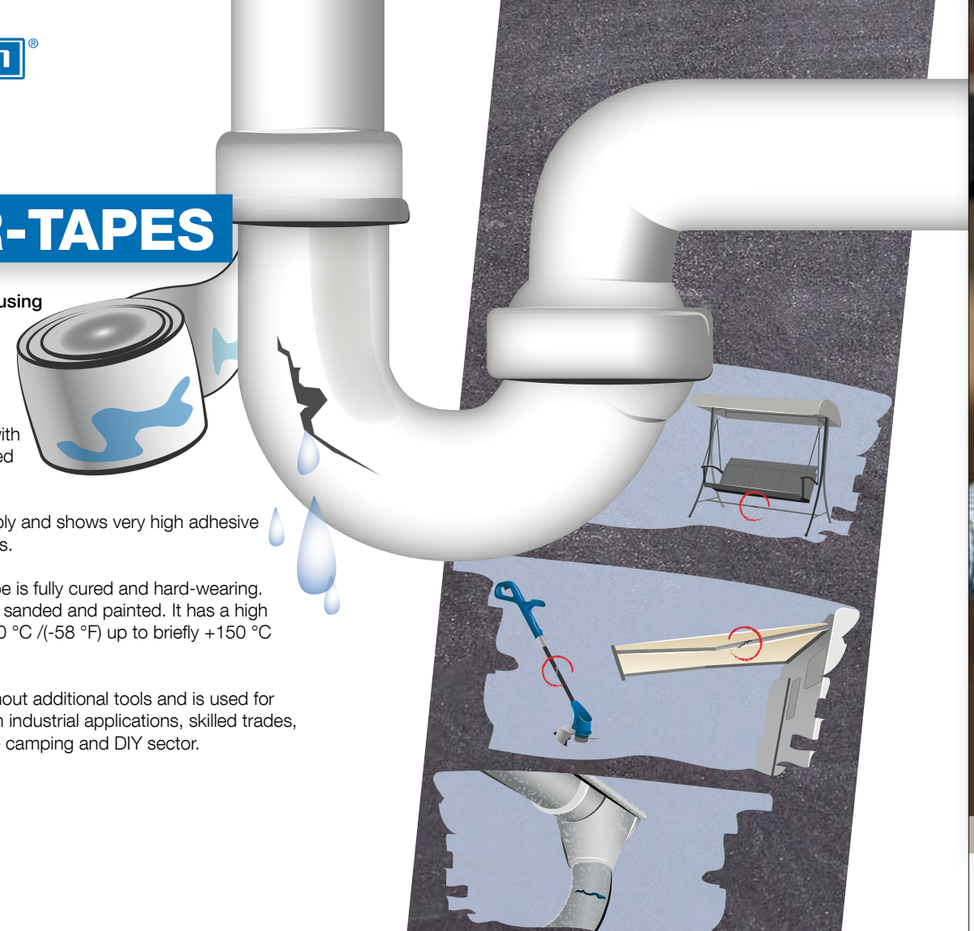
Technical Data Urethane 85

Base	**polyurea**
Colour after curing	**black**
Mixture (weight %) resin/hardener	**10:100**
Density of the mixture	**1.1 g/cm³**
Texture	**pasty**
Pot life at +20°C (+68°F)	**20 min.**
Hard-wearing/demouldable after	**6 - 8 h**
Hard-wearing/demouldable (50 °C) after	**60 - 90 min.**
Final strength after	**24 h**
Tensile strength DIN EN ISO 527-2	**7.8 N/mm²**
Elongation at break (tensile) DIN EN ISO 527-2	**470 %**
Hardness (Shore A) DIN ISO 7619	**85**
Tear resistance DIN ISO 34-1	**31 kN/m**
Medium lap shear strength with Primer G according to DIN EN 1465 on	
Steel sandblasted	**8 N/mm²**
Stainless Steel sandblasted	**8 N/mm²**
Aluminium sandblasted	**7 N/mm²**
Galvanised steel	**4 N/mm²**
Temperature resistance (wet)	**-60 °C to +60 °C**
Temperature resistance (dry)	**-60 °C to +100 °C**

Technical Data Primer G

Base	**urethane**
Colour	**yellowish, transparent**
Mixing ratio by weight resin/hardener	**32:1**
Viscosity at +25 °C (+77 °F) according to Brookfield	**40 mPa·s**
Pot life at +20 °C (+68 °F)	**15 min.**
Coating with polyurethane	**after 30 to 60 min.**

REPAIR-TAPES



Flexible, durable and **self-fusing** Repair-Tape made of fibreglass-reinforced plastic for fast emergency repairs in indoor or outdoor areas.

The Repair-Tape is soaked with a special resin and is activated by contact with water.

It is very easy and fast to apply and shows very high adhesive strength on nearly all surfaces.

After just 30 minutes, the tape is fully cured and hard-wearing. After curing, the tape can be sanded and painted. It has a high temperature resistance of -50 °C /(-58 °F) up to briefly +150 °C (+302 °F).

The tape can be applied without additional tools and is used for reliable and durable repairs in industrial applications, skilled trades, around the house, and in the camping and DIY sector.



▸ 5 cm x 1.5 m
10710515

▸ 5 cm x 3.5 m
10710536

▸ 10 cm x 3.5 m
10711036



Technical Data Repair-Tapes

Base	**polyurethane**
Colour after curing	**white**
Pot life at +20 °C (+68 °F)	**3 - 5 min.**
Handling strength (35 % strength) after	**7 - 10 min.**
Final strength (100 % strength) after	**30 min.**
Compressive strength	**150 bar**
Temperature resistance	**-50 °C to +120 °C, briefly up to +150 °C**



WINDSCREEN ADHESIVE



▸ 310 ml
13711310
Cartridge

▸ 200 ml
13711200
Press Pack

Elastic 1-C adhesive and sealant for mounting glass and window panes | ISEGA-certified

WEICON Windscreen Adhesive is an elastic 1-C adhesive and sealant based on MS-Polymer, which is specially designed to mount glass and window panes. For example, the adhesive bonds windscreens, rear windows and side windows in powered industrial trucks, agricultural machines, and construction machines. It is also suitable for furniture manufacture or for installations in gardening and landscaping.

Windscreen Adhesive provides high adhesive strength on many materials and cures with air humidity. The adhesive shows excellent ageing resistance and good UV stability. It is joint-filling, odourless, and free of silicones, isocyanates, halogens, and solvents.

Technical Data Windscreen Adhesive

Base	**1 C. polyoxypropylene**
Density	**1.44 g/cm³**
Texture	**pasty**
Skin-over time*	**25 min.**
Cure speed (in the first 24h)	**2 - 3 mm**
Max. gap bridging	**5 mm**
Max. sealing joint width	**25 mm**
Hardness (Shore A) DIN ISO 7619± 5	**42**
Elongation at break DIN EN ISO 527-2	**650 %**
Tensile strength of the pure adhesive and sealant	**3.3 N/mm²**
Medium lap shear strength (DIN EN 1465/ASTM D 1002)	**2.1 N/mm²**
Tear resistance DIN ISO 34-1	**20 N/mm²**
Paintable (wet paints)	**only "wet on wet" within 3 h at the latest**
Temperature resistance	**-40 °C to +90 °C briefly up to +130 °C**

*Measured at 50% relative air humidity and +23°C.

our products

NOW AVAILABLE IN NEW CONVENIENT SIZES

PRESS PACK

- application without additional tools
- easy and clean dispensing
- reclosable



Flex 310 M® Classic

Versatile use | ISEGA-certified

▸ 200 ml	▸ 200 ml	▸ 200 ml
13303200	13304200	13305200
Press Pack white	Press Pack black	Press Pack grey

Flex 310 M® Crystal

Crystal clear after curing | ISEGA-certified

▸ 200 ml
13308200
Press Pack

Technical Data	Flex 310 M® Classic MS-Polymer	Flex 310 M® Crystal MS-Polymer
Base	1 C. polyoxypropylene	1 C. polyoxypropylene
Density	1.44 g/cm³	1.06 g/cm³
Texture	pasty	pasty
Skin-over time*	25 min.	10 min.
Cure speed (in the first 24h)	2 - 3 mm	2 - 3 mm
Max. gap bridging	5 mm	5 mm
Max. sealing joint width	25 mm	25 mm
Hardness (Shore A) DIN ISO 7619	42	40
Elongation at break (tensile) DIN ISO 7619	650 %	300%
Tensile strength of the pure adhesive and sealant	3.3 N/mm²	3.0 N/mm²
Medium lap shear strength (DIN EN 1465)	2.1 N/mm²	2.0 N/mm²
Tear resistance DIN ISO 34-1	20 N/mm²	19 N/mm²
Paintable (wet paints)	only "wet on wet" within 3 h at the latest	only "wet on wet" within 3 h at the latest
Temperature resistance	-40 °C to +90 °C, briefly up to +130 °C	-40 °C to +90 °C, briefly (approx. 2 h) up to +120 °C

*Measured at 50% relative air humidity and +23°C.





OUR 200 ml PROBLEM SOLVER

▸ multifunction oil with compound action

excellent capillary action, corrosion protection, water repellency, lubrication, conservation, and cleaning rolled into one product. Suitable for use as cutting oil for drilling and cutting processes.

W 44 T® Multi-Spray

▸ 200 ml
11251200

Technical Data W 44 T®

Odour	vanilla
Colour	yellowish
Temperature resistance	-50 °C to +210 °C

1 l TECHNICAL LIQUIDS

▸ nearly all products from this range are now available in convenient 1 l containers

Maybe your product, too!

www.weicon.com









WEICON TOOLS®
No.1 in Form & Funktion



reddot winner 2020

DISTINGUISHED
Precision Strippers

GLOBAL INNOVATION

Precision Wire Stripper S



Fast, easy and precise stripping of thin wires and conductors

Semi-automatic wire stripper for the fast and safe stripping of very thin, conductors, strands or wires with small diameters in the range of 0.12 - 0.8 mm Ø (3620 AWG).

With the adjustable scaled length stop for the working range from 5 to 45 millimetres, the desired stripping length can be set quickly and reliably.

mm	g		Ø	Art.-No.
112	45	stranded solid	0.12 mm - 0.8 mm	51000002
112	45	stranded solid	0.12 mm - 0.8 mm	51001002





ESD Precision Wire Stripper S



* ESD = dissipative ESD material protects against electrostatic discharge

MADE IN GERMANY
DEUTSCHES WERKZEUG

KNIFE-STEEL
Quality from Solingen

WEICON TOOLS®
No.1 in Form & Funktion

CABLE STRIPPER
NO. 4-29 SPIRAL



+ Spiral Cut

Precise, fast and safe stripping of all common round cables with 4.5-29 mm Ø.

In addition to round and longitudinal cutting, the tool is also suitable for spiral cutting.

The cutting depth can be set comfortably in 0.1 mm to 3 mm steps mm with a control knob, without damaging the layers below.

mm	g	Ømm	Art.-No.
140	136	4.5 - 29	52000029





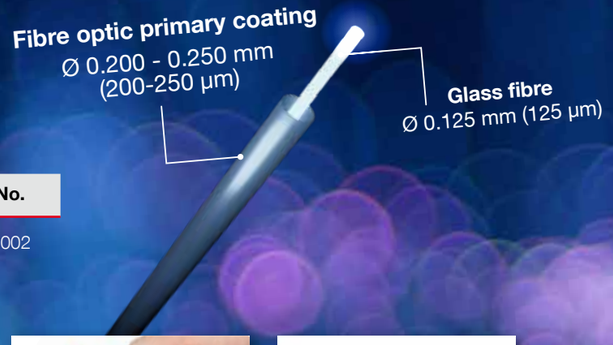



Fibre Optic Stripper S



fast and easy stripping of fibre optic primary coating 200 - 250 µm

- to remove primary coatings from fibre optic cables Ø 0.125 mm
- blade Ø 0.16 mm, opening for cable insertion Ø 0.35 mm
- precise working thanks to adjustable length stop from 5 - 45 mm
- professional cable stripping technology, suitable for right- and left-handed users



mm	g	Cable type	Ø	Art.No.
112	45	fibre optic Ø 0.125 mm	primary coating Ø 0.200 - 0.250 mm	51002002






BIKE CARE SET

Whether it's a trip through the forest, on gravel roads in the mountains, or just your everyday ride to the city - your bicycle is up for anything. That is why we have developed the WEICON Bike Care Set for thorough cleaning and maintenance. The set comprises high-quality specialty products and provides everything you need to clean, protect and lubricate your bike.

Whether for an e-bike, mountain bike, gravel bike, racing bike, trekking bike, city bike, Dutch bike, or folding bike - the set is suitable for all types of bicycles.

Art.-No. 70890001



13 items

- BIKE CLEANER
- CARE SPRAY PTFE
- ASSEMBLY PASTES
- BIKE DRIVE CLEANER
- MULTI-FOAM
- BIKE CHAIN OIL
- THREADLOCKING
- PUMP-DISPENSER
- TYRE LEVER
- SPROCKET BRUSH
- MICROFIBER CLOTH
- SPONGE
- GLOVES





Art.No. 11951078
Equipment proposal. Supply of the displays is without products.



- Remove coarse dirt
- Lather thoroughly
- Clean the bicycle drive
- Polish the bike
- Oil the bike chain
- Secure screws
- Protect screw protections



3 items

- BIKE DRIVE CLEANER
- CARE SPRAY PTFE
- BIKE CHAIN OIL

Art.-No. 70890002









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Management System
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German Quality
Industrial grade

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New Products 2021

Art.-No. 11901102

Any product specifications and recommendations given herein must not be regarded as binding upon us without a detailed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge and control, we do not guarantee the continuously high quality of our products. However, own absolute laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from non-adjustable or other than specified applications.
BHL/11901 (02.01.21) 5