WEICON Solutions for the

Cement Industry

AUMUND

PARTNER

German Quality

Industrial grade

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V 1.19

WEICON Plastic Metal

WEICON WP

Pasty, ceramic-filled, extremely high resistance against abrasion and wear, high strength, residual elasticity and impact-resistant

WEICON WP is suitable for the protection of strongly used surfaces. The coating with Plastic-Metal WP provides a high resistance against abrasion and wear and is very resistant against chemicals.

It avoids metal loss and replaces previously applied wear-resistant alloys, ceramic tiles and rubber linings as well as welded metal coatings.

WEICON WP can be used for the regeneration of worn-out metal surfaces or as a wear-resistant coating. A particularly high level of protection is achieved, when the wear is caused by particles impacting sideways.

2,0 kg	10,0 kg
10490020	10490100

WEICON WR

Liquid, steel-filled, wear-resistant

WEICON WR is suitable for areas where metal parts are subjected to strong wear due to friction, as repairs and recasting of shafts, for pouring out bearings and cutting and punching tools, for the production of casting and profile milling models as well as drawing moulds, for underpouring machines and foundations and as a wear-resistant underlayer before the final coating with WEICON Ceramic BL.

WEICON WR can be used in machine construction, tool construction, model and mould making, and many other industrial applications.

0,5 kg	2,0 kg
10300005	10300020

WEICON WR2

Pasty, mineral-filled, wear-resistant, highly abrasion-resistant

WEICON WR2 is particularly suitable for areas where the processing of casting compounds is not possible such as for the repair of conveyors, guides and sliding ways. It can also be used to prevent wear on metal surfaces exposed to high abrasion and erosion and can serve as a wear-resistant underlayer before the final coating with WEICON Ceramic BL.

WEICON WR2 can be used in machine and system construction, in apparatus engineering and in many other industrial applications.

0,5 kg	2,0 kg
10350005	10350020

WEICON HB 300

Pasty, steel-filled, high-temperature-resistant

WEICON Plastic Metal type HB 300 is pasty, steel-filled and high-temperature-resistant up to +200°C (+392°F) (briefly up to +280°C/+536°F). It is processed with a mixing ratio of 1:1.

It is also suitable for applications on vertical surfaces and can be used for the repair and bonding of cast and metal parts, for filling in blow holes, for repairing damage to containers, carriages and machine parts and for sealing pumps and pipes.

1,0 kg
10450010

WEICON Solutions for the

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WEICON Plastic Metal

WEICON F2

Viscous, aluminium-filled

WEICON F2 is suited for the casting of models, moulds and templates, for the repair of porous and damaged castings, for the production of prototypes and holding devices, and for pouring out swages to test precision.

WEICON F2 can be used in tool construction, model and mould making, and many other industrial applications.

0,5 kg	2,0 kg
10200005	10200020

WEICON HP

Pasty, mineral-filled, impact-resistant

WEICON HP is a practically shrink-free 2-component epoxy resin with extremely high impact resistance and high abrasion resistance. It cures with residual elasticity.

The pasty epoxy resin system can be used as a high-performance solution especially for structural adhesive bondings. Due to its high elongation at break, WEICON HP can also be used for repairs on strongly vibrating machines, as wear protection for slide bearings, chutes and pipes as well as for lining heavily stressed pump housings.

The adhesive can be used universally on nearly all surfaces. Its pasty texture makes it non-drip and spreadable. That way, it can also be used on vertical surfaces and even for overhead applications.

WEICON HP can be used in machine construction and systems engineering, in apparatus engineering as well as in many other industrial sectors.

0,5 kg	2,0 kg
10390005	10390020

WEICON Keramik BL

Liquid, mineral-filled, extremely wear resistant, high-temperature-resistant from -35°C up to +180°C *(-35°F up to +356°F)*

WEICON Ceramic BL is liquid, brushable, filled with silicon carbide and zirconium silicate, temperature-resistant up to +180°C and resistant to chemicals. It offers extreme wear protection and high abrasion resistance.

WEICON Ceramic BL is particularly suited for the lining of heavily stressed pump housings, as wear protection for slide bearings, slides, funnels and pipes and for the repair of castings, valves and blower fans. The product can be used in machine and system construction, in apparatus engineering, and in many other industrial applications.

0,5 kg	2,0 kg
10400005	10400020

Coating of a feed pipe for the manufacture of ceramic facades with Ceramic BL

WEICON Urethanes

Flexible and wear-resistant coating resin with high impact strength and abrasion resistance.

WEICON Urethanes are 2-component polyurethanes that cure at room temperature to tough rubber-like materials, remaining flexible at temperatures down to even -60°C *(-76°F)*.

Liquid

Urethane 45

Shore hardness: A 45

0,5 kg ✓
10514005

Urethane 60

Shore hardness: A 60

0,5 kg ✓
10516005

Urethane 80

Shore hardness: A 80

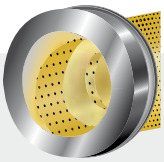
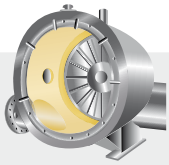
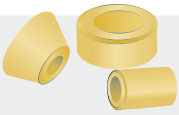
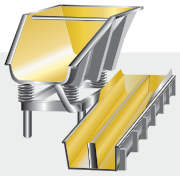
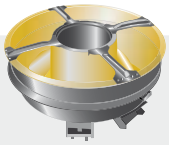
0,5 kg ✓
10518005

Pasty

Urethane 80 Putty

Shore hardness: A 80

0,5 kg ✓
10518505

For making:
- vibration dampers
- assembling jigs
- flexible seals
- rubber-like prototypes
- foundry patterns and forms

For repairs on:
- conveyor belts
- solid rubber tyres
- conveyor rollers

For coatings on:
- rollers
- contrifuges
- polishing drums
- bulk containers
- chutes and funnels
- dry and wet mixers
- pumps
- housings
- cyclones
- tanks
- loading areas

In addition, WEICON Urethanes are perfectly suitable as vibration or insulation protection of machines.

GMK 2510

Strong, permanently elastic, temperature-resistant

GMK 2510 is a 2-component adhesive based on polychloroprene for full-surface and permanently elastic bonding of parts which are continuously exposed to dynamic loads.

The advantage compared to 1-component contact adhesives is the considerably better adhesion and the improved temperature resistance.

GMK 2510 bonds rubber, metal, textiles, leather, sponge rubber (neoprene), CSM (Hypalon), insulating materials, PU materials with an adhesive coating, wood and many plastics. After curing the bonding is moisture-proof.

324 g ✓
16200324
Working package
(consisting of 300g adhesive and 24g activator)

690 g ✓
16200690
Working package
(consisting of 650g adhesive and 40g activator)

WEICON Solutions for the

Cement Industry

Assembly Pastes

All kinds of influencing factors, such as moisture and friction, lead to damage due to corrosion, seizure, and wear on machines and installations.

Extensive repair and maintenance works at considerable costs are the result.

Especially under difficult conditions such as:
- high operating temperatures
- high pressure loads
- open air conditions

where such consequences frequently occur.

Copper Paste

- protecting, separating and lubricating agent
- for highly stressed parts
- temperature-resistant from -20°C to +1100°C *(-4°F to +2012°F)*

85 g	200 ml
26200085	26200200
Tube	Press pack

Anti-Seize

- long-lasting protection against corrosion, seizure and wear
- high-temperature-resistant up to +1.200°C *(+2192°F)*
- exceptionally good separating effect

85 g	200 ml
26000085	26000200
Tube	Press pack
450 g	500 g
26000045	26000050
Dose	Brush top
1 kg	10 kg
26000100	26000910
Dose	Bucket

Anti-Seize High-Tech

- metal-free
- NSF approval
- temperature-resistant from -40°C to +1400°C *(-40°F to +2552°F)*

85 g	500 g
26100085	26100050
Tube	Brush top
450 g	1 kg
26100045	26100100
Dose	Dose
10 kg	
26100910	
Bucket	

Surface and Anti-Corrosion Coating

Brushable Zinc Paint*

Efficient cathodic corrosion protection

375 ml	750 ml
15000375	15000750
2.5 L	
15000902	

Brushable Zinc Coating*

Colour matching hot-dip galvanization

375 ml	750 ml
15001375	15001750
2.5 L	
15001902	

Do not spray with WEICON WSD 400 and WSP 1500. Only apply with a paint brush or roller.

Technical Sprays and Liquids

Especially designed for economical threadlocking, retaining and sealing of threaded, cylindrical and pipe assemblies. After curing, the adhesive bonding is resistant to vibration, impact, chemicals, solvents and temperatures from -60°C to +200°C *(-76°F to +392°F)*.

Cleaner Spray S

- powerful
- evaporates without residues
- non-greasy

500 ml ✓
11202500

Surface Cleaner

- for the pretreatment of bonding surfaces
- evaporates quickly without residues
- for metal and plastic

400 ml ✓ 11207400
5 L ✓ 15207005

Multi Foam

- powerful universal cleaner for residue-free cleaning
- cleans many different surfaces such as metal, plastic, glass, ceramics or lacquered and coated surfaces

400 ml ✓
11200400

Sealant and Adhesive Remover

- removes residues of hardened sealants and adhesives
- removal of old paints and lacquers

400 ml ✓ 11202400
5 L ✓ 15213005

Rust Converter

- rust converter and base coat in one process
- protects from corrosion and is suitable for internal and external use

400 ml ✓
11155400

Rust Shock

- the „chemical wrench“
- free of mineral oil, grease and silicone
- loosen threaded joints in seconds

400 ml ✓
11151400

Zinc Spray

NSF Nonfood Compounds Program Listed R2 Registration 156012

- long-term cathodic corrosion protection for all metal surfaces
- resistant protective layer, even under extreme weather and environmental conditions
- >1050 hours salt spray test according to DIN EN ISO 9227

400 ml ✓
11000400

Zinc Spray bright grade

NSF Nonfood Compounds Program Listed R2 Registration 156013

- long-term cathodic corrosion protection
- bright colour shade matching hot-dip galvanization
- >550 hours salt spray test according to DIN EN ISO 9227

400 ml ✓
11001400

Corro-Protection

- corrosion protection of metal parts for indoor storages
- storage of tools and precision components made of metal
- transparent, TÜV-approved protection layer

400 ml ✓ 11550400
5 L ✓ 15550005

Electro Contact Cleaner

- cleans and degreases electronic or mechanical components

400 ml ✓
11210400

Freeze Spray

- pin-pointed chilling down to -45°C *(-49°F)*
- repair works in industrial sector

400 ml ✓
11610400

WEICON Solutions for the

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Technical Sprays and Liquids

PTFE-Spray

- dry lubricant
- temperature-resistant from -180°C to +250°C *(-292°F to +482°F)*
- silicone-free

400 ml ✓
11300400

Silicone Spray

- sliding and release agent
- provides a durable separation layer
- high sliding effect

400 ml ✓
11350400

Universal Spray-on Grease with MoS_2

- high-pressure-resistant and strong long-term lubricant
- reduces friction and wear
- temperature-resistant from -20°C to +120°C *(-4°F to +248°F)*

400 ml ✓
11530400

Double Nozzle

Only for the 500 ml product

W 44 T® Multi-Spray

- lubricates mechanical precision devices
- repels moisture
- protects against corrosion

400 ml ✓ 11251400 | 500 ml ✓ 11251550 | 5 L ✓ 15251005

Gasket Maker

Permanently elastic special sealant

WEICON Gasket Maker is a strong and permanently elastic special sealant that cures with air humidity and practically without shrinkage. Gasket Maker has a very good adhesion to steel, aluminium, glass, ceramic, and many other materials.

Gasket Maker has an excellent temperature, oil and grease resistance, is pressure- and ageing-resistant, UV-stable and permanently elastic.

310 ml ✓ 30101310 black

310 ml ✓ 30100310 red

Flex 310 M® Classic

Suitable for universal use, ISEGA-certificated

WEICON Flex 310 M Classic Adhesive and Sealant is strong, paintable (wet in wet), sandable, has outstanding ageing stability and good resistance to UV rays. It is resistant to freshwater and salt water and is free of silicone, isocyanate, halogens or solvents.

310 ml ✓ 13303310 white

310 ml ✓ 13305310 grey

310 ml ✓ 13304310 black

Flex 310 M® 2 K

Fast-curing

The WEICON Flex 310 M 2 K Adhesive and Sealant is very strong, non-corrosive, paintable (wet in wet), sandable, weather-resistant, resistant to UV rays and is free of silicone, isocyanate, or solvents.

WEICON Flex 310 M 2 K is a strong 2-component system on a hybrid polymer basis which enables fullsurface bonding of larger parts and which can be used to fill gaps of up to ten millimetres. It is suitable for the bonding of almost all materials such as metal and many plastics.

250 ml 13305250 grey

Special Mixing Nozzle 13309997

RK-1300/RK-1500 Structural Acrylic Adhesives

RK-1300

pasty, high strength, fast curing

60 g*1	330 g*2
10560060	10560330
1,0 kg*1	6,0 kg*2
10560800	10561906

*1 Complete package, consisting of adhesive and activator
*2 without activator

RK-1500

liquid, high strength, fast curing

60 g*1	310 g*2
10563860	10563330
1,0 kg*1	6,0 kg*2
10563800	10563906

*1 Complete package, consisting of adhesive and activator
*2 without activator

Epoxy Adhesives

Fast-Metal Minute Adhesive

- highly filled, pasty
- very short pot life
- fast-curing

24 ml
10551024

-50°C to +145°C
(-58°F to +293°F)

Aluminium Minute Adhesive

- gap-filling
- fast-curing
- high peel and impact strength

24 ml
10552024

Contact Cyanoacrylate Adhesives

WEICON Contact are solvent-free instant adhesives. They bond various materials, such as metal, glass, wood, plastic, ceramic, leather and rubber within seconds.

Contact GEL

- cyanoacrylate adhesive for special requirements
- pasty (highly thixotropic)
- very slow-curing = enables position correction

20 g
12500120

CA-Aktivator Spray

NSF Nonfood Compounds Program Listed P1 Registration 155052

- accelerates the curing time of WEICON Contact Cyanoacrylate Adhesives
- applied to absorbing surfaces

150 ml
12500150

VA 250 Black

- high peel and impact resistance
- residual elasticity after curing
- high-temperature-resistant
  -55°C to +140°C (-67°F to +284°F)

12 g	30 g
12600012	12600030

VA 1401

- cyanoacrylate adhesive for rubber and plastics
- medium viscosity
- fast-curing

12 g	30 g
12054012	12054030

VA 8406

- Cyanoacrylate Adhesive for rubber and plastics
- low viscosity
- very fast-curing

12 g	30 g
12204012	12204030

WEICON Solutions for the

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WEICONLOCK® - Anaerobic Adhesives and Sealants

Especially designed for economical threadlocking, retaining and sealing of threaded, cylindrical and pipe assemblies. After curing, the adhesive bonding is resistant to vibration, impact, chemicals, solvents and temperatures from -60°C to +200°C (*-76°F to +392°F*).

AN 302-43

- threadlocking
- thread connections up to M 36
- drinking water and DVGW approval

higher viscosity
medium strength
disassembly with normal tools

10 ml	20 ml	50 ml
30243110	30243020	30243150

AN 302-70

- locking of threads and stud bolts
- threaded connections up to M36
- drinking water and DVGW approval

medium viscosity
high strength
hard to disassemble

10 ml	20 ml	50 ml
30270110	30270020	30270150

AN 305-10

AN 306-38

AN 305-10

- Gasketing of flanges
- high temperature resistant

high viscosity
high strength
hard to disassemble

50 ml	200 ml	300 ml
30510150	30510200	30510300

AN 305-72

- pipe and flange sealing with PTFE
- immediate sealing effect
- drinking water and DVGW approval

high viscosity
high strength
hard to disassemble

50 ml	200 ml	300 ml
30572150	30572200	30572300

AN 305-74

- Flange Sealing

high viscosity
high strength
hard to disassemble

50 ml	200 ml	300 ml
30574150	30574200	30574300

AN 305-42

- hydraulic and pneumatic sealing
- DVGW approval

medium viscosity
medium strength
disassembly with normal tools

50 ml	200 ml
30542150	30542200

AN 306-38

- Retaining cylindrical assemblies under high dynamical stress

medium viscosity
high strength
hard to disassemble

20 ml	50 ml	200 ml
30638020	30638150	30638200

AN 306-41

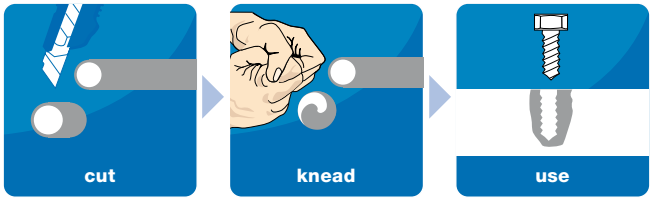
- Retaining Cylindrical Assemblies

medium viscosity
medium strength
disassembly with normal tools

20 ml	50 ml	200 ml
30641020	30641150	30641200

Repair Sticks

The simple solution for all repair and maintenance works. Easy to use. Ready to use, can be easily cut into small amounts for minor repairs at any time.



Wood

- residual elasticity
- mineral-filled

28 g	56 g
10532057	10532115

Copper

Certified to NSF/ANSI 61

- very fast-curing
- colour: copper

57 g	115 g
10530057	10530115

Multi

Certified to NSF/ANSI 61

- fast-curing
- mineral-filled

57 g	115 g
10539057	10539115

Concrete

Certified to NSF/ANSI 61

- fast-curing
- ceramic-filled

57 g	115 g
10537057	10537115

Plastic

Certified to NSF/ANSI 61

- viscoplastic
- colour: light blue

57 g	115 g
10536057	10536115

Aqua

- for underwater applications
- ceramic-filled
- ideal for quick repairs on damp and wet surfaces and for underwater applications

57 g	115 g
10531057	10531115

Steel

Certified to NSF/ANSI 61

- fast-curing
- colour: dark grey

57 g	115 g
10533057	10533115

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OUR WEICON APP

WEICON Solutions for the

Cement Industry

Pipe Repair Kit

FOR FAST PIPE REPAIR
30 minutes only

WEICON Pipe Repair Kit

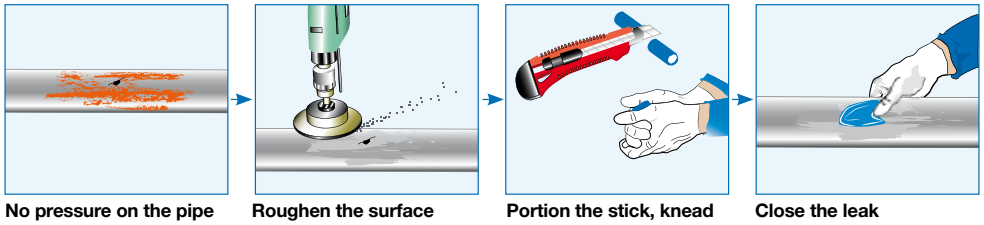
The set is designed for the emergency repair of defective and damaged pipes and pipelines. It comprises one WEICON Repair Stick Steel, a special repair tape made of fibreglass-reinforced plastic, assembly instructions and a pair of protective gloves. The repair tape is impregnated with a special resin and activated by contact with water.

It is very easy and quick to use and shows excellent adhesive properties, high pressure and chemical resistance as well as temperature resistance up to 150°C. Within 30 minutes, the tape is fully cured and hard-wearing.

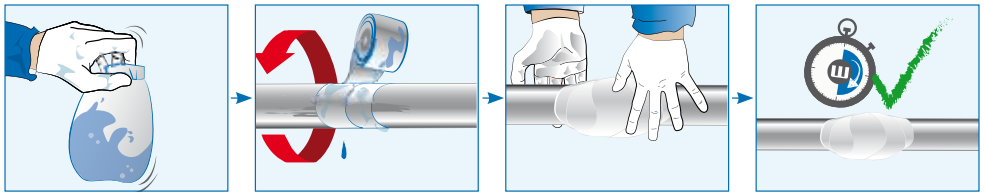
Due to the fabric properties of the tape, the resulting high flexibility and the simple processing, the repair kit is particularly suitable for sealing leaks in bends, T-pieces or in spaces difficult to access. It can be used on many different surfaces such as stainless steel, aluminium, copper, PVC, polyethylene, polypropylene, many plastics, fibreglass, concrete, ceramics and rubber. The kit can be used on both dry and wet surfaces and can even be applied under water.

The Pipe Repair Kit can be processed without any additional tools and is used for the reliable and permanent sealing of cracks and leaks.

5/15	5/35	10/35
▸ 5 cm x 1,5 m	▸ 5 cm x 3,5 m	▸ 10 cm x 3,5 m
10710001	10710002	10710003



No pressure on the pipe | Roughen the surface | Portion the stick, knead | Close the leak



Dip repair tape into clean water | Wrap around the leakage | Moisten the tape after wrapping | Within 30 minutes, the tape is fully cured

The set includes

- Repair Stick Steel
- fibreglass-reinforced plastic repair tape
- assembly instructions
- protective gloves

150°C | 302°F
high-temperature-resistant

NSF Certified to NSF/ANSI 61

WATER RESISTANT

WEICON GmbH & Co. KG (Headquarters)
Königsberger Str. 255 · DE-48157 Münster
P.O. Box 84 60 · DE-48045 Münster
Germany
phone +49 (0) 251 9322 0
info@weicon.de

WEICON Middle East L.L.C.
Jebel Ali Ind Area 1
P.O. Box 118 216 · Dubai
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae

WEICON Inc.
20 Steckle Place · Unit 20
Kitchener · Ontario N2E 2C3 · Canada
phone +1 877 620 8889
info@weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.
Orhan Gazi Mahallesi 16. Yol Sokak No: 6
34517 Hadımköy-Esenyurt · Istanbul
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr

WEICON Romania SRL
Str. Podului Nr. 1
547176 Budiu Mic (Targu Mures) · Romania
phone +40 (0) 3 65 730 763
office@weicon.com

WEICON SA (Pty) Ltd
Unit No. D1 · Enterprise Village
Capricorn Drive · Capricorn Park
Muizenberg 7945 (Cape Town) · South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

WEICON South East Asia Pte Ltd
7 Soon Lee Street
#01-11 iSPACE · Singapore 627608
Phone (+65) 6710 7671
info@weicon.com.sg

WEICON Czech Republic s.r.o.
Teplická 305
CZ-417 61 Teplice-Bystřany
Česká republika
phone +42 (0) 417 533 013
info@weicon.cz

WEICON Ibérica S.L.
Av. de Somosierra 18, Nave 6
San Sebastián de los Reyes
28703 Madrid · Spain
phone +34 (0) 914 7997 34
info@weicon.es

WEICON Italia S.r.L.
Via Capitano del Popolo, 20
16154 Genova · Italy
phone +39 (0) 010 2924 871
info@weicon.it

www.weicon.com

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Management System
ISO 9001:2015
ISO 14001:2015

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German Quality – Industrial grade

WEICON Solutions for the
Cement Industry

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