



WEICON Solutions for the

Cement Industry



www.weicon.com

V 1.26



Management System
ISO 9001:2015
ISO 14001:2015

www.tuv.com
ID 910636595

For further packing sizes and more detailed product information, please visit our website www.weicon.com



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 ✓
10032320 10032939

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 ✓
10000077 10000078



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 ✓
10000087 10000088

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 ✓
10000099

WEICON Solutions for the Cement Industry

WEICON Plastic Metal

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 ✓
10054003 10054004

WEICON Ceramic BL

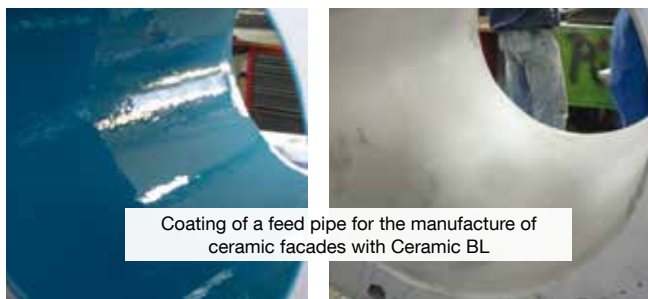


Liquid, mineral-filled, extremely wear resistant, high-temperature-resistant from -35°C up to +180°C (-35°F up to +356°F)

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 ✓
10000093 10005233



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

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 ✓
10000061 10000062

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 ✓ 690 g ✓
10039649 10034480
Working package (consisting of 300g adhesive and 24g activator) Working package (consisting of 650g adhesive and 40g activator)



For further packing sizes and more detailed product information, please visit our website www.weicon.com



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).

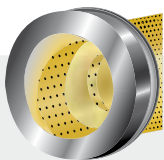


Liquid

Urethane 45

Shore hardness: A 45

0,5 kg ✓
10022361



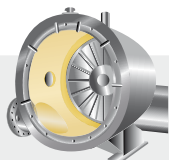
For making:

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

Urethane 60

Shore hardness: A 60

0,5 kg ✓
10022363



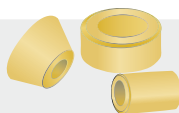
For repairs on:

- conveyor belts
- solid rubber tyres
- conveyor rollers

Urethane 80

Shore hardness: A 80

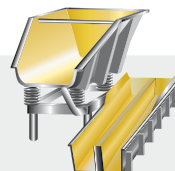
0,5 kg ✓
10012368



Urethane 85

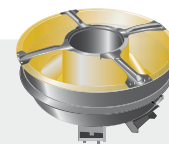
Shore hardness: A 85

0,5 kg ✓
10057130



For coatings on:

- rollers
- centrifuges
- 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.



Repair of a damaged area on the conveyor belt of a bucket elevator with Urethane 85



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 $+1100^{\circ}\text{C}$ (-4°F to $+2012^{\circ}\text{F}$)

85 g ✓
10047468
Tube



Anti-Seize

- long-lasting protection against corrosion, seizure and wear
- high-temperature-resistant up to $+1.200^{\circ}\text{C}$ ($+2192^{\circ}\text{F}$)
- exceptionally good separating effect

85 g ✓ 200 ml ✓
10047467 10025465
Tube Press pack

450 g ✓ 500 g ✓
10000175 10028921
Can Brush top

1 kg ✓ 10 kg ✓
10000177 10000182
Can Bucket



Anti-Seize High-Tech

- metal-free
- NSF approval
- temperature-resistant from -40°C to $+1400^{\circ}\text{C}$ (-40°F to $+2552^{\circ}\text{F}$)



85 g ✓ 500 g ✓
10047469 10030351
Tube Brush top

450 g ✓ 1 kg ✓
10000196 10000197
Can Can

10 kg ✓
10000204
Bucket



Surface and Anti-Corrosion Coating

Brushable Liquid Zinc Paint*

Efficient cathodic corrosion protection



375 ml ✓ 750 ml ✓
10000322 10000321

2.5 L ✓
10000403

Brushable Liquid Zinc Coating*

Colour matching hot-dip galvanization



375 ml ✓ 750 ml ✓
10000327 10000328

2.5 L ✓
10000404

For further packing sizes and more detailed product information, please visit our website www.welcon.com



Technical Sprays and Liquids

Technical sprays and liquid substances are used in almost all areas of industry. They are used for the care and protection of

surfaces, for cleaning and degreasing, lubricating, releasing and separating and are an indispensable part of daily work.

Cleaner Spray S

- powerful
- evaporates without residues
- non-greasy

500 ml ✓
10000147



Surface Cleaner

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

400 ml ✓ 5 L ✓
10024313 10025288



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 ✓
10000144

Sealant and Adhesive Remover

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

400 ml ✓
10026705



Rust Converter

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

400 ml ✓
10047458

Rust Shock

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

400 ml ✓
10000143



Zinc Spray



- 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 ✓
10000016



Zinc Spray bright grade



- 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 ✓
10000047



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 ✓ 5 L ✓
10000157 10000787



Electro Contact Cleaner

- cleans and degreases electronic or mechanical components

400 ml ✓
10028866



Freeze Spray

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

400 ml ✓
10011613

WEICON Solutions for the Cement Industry

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 ✓
10000151

Silicone Spray



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

400 ml ✓
10000152

Universal Spray-on Grease with MoS₂

- 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 ✓
10019872



W 44 T® Multi-Spray

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

400 ml ✓ 500 ml ✓ 5 L ✓
10001023 10039121 10007793



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.



280 ml ✓ 280 ml ✓
10105064 10105055
black 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.

	280 ml	Set	200 ml Press pack
white	10104011	10104049	10057238
grey	10104007	10104053	10057240
black	10103997	10104051	10057245



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 250 ml Special Mixing Nozzle
10027733 10027692
grey

For further packing sizes and more detailed product information, please visit our website www.weicon.com



RK-1300/RK-1500 Structural Acrylic Adhesives

RK-1300

pasty, high strength, fast curing

60 g* ¹	330 g* ²
10000118	10007508
1,0 kg* ¹	6,0 kg* ²
10007378	10000126

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



RK-1500

liquid, high strength, fast curing

60 g* ¹	310 g* ²
10008905	10016249
1,0 kg* ¹	6,0 kg* ²
10002622	10008677

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



Epoxy Adhesives

Fast-Metal Minute Adhesive

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

24 ml ✓
10007785

-50°C to +145°C
(-58°F to +293°F)



Aluminium Minute Adhesive

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

24 ml ✓
10051229

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 ✓
10002033



CA-Activator Spray



Nonfood Compounds
Program Listed P1
Registration 155052

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

150 ml ✓
10000282



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 ✓
10018873 10016400

VA 1401

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

12 g ✓ 30 g ✓
10018869 10016402

VA 8406

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

12 g ✓ 30 g ✓
10018865 10016396



WEICON Solutions for the Cement Industry

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 ✓
10030474 10048754 10042567

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 ✓
10030476 10048762 10042573



AN 305-10

- Gasketing of flanges
- high temperature resistant

high viscosity
high strength
hard to disassemble

50 ml ✓ 200 ml ✓ 300 ml ✓
10019937 10019995 10002596

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 ✓
10042607 10020003 10026707

AN 305-74

- Flange Sealing

high viscosity
high strength
hard to disassemble

50 ml ✓ 200 ml ✓ 300 ml ✓
10019947 10020009 10034146



AN 305-42

- hydraulic and pneumatic sealing
- DVGW approval

medium viscosity
medium strength
disassembly with normal tools

50 ml ✓ 200 ml ✓
10017877 10020001

AN 306-38

- Retaining cylindrical assemblies under high dynamical stress

medium viscosity
high strength
hard to disassemble

20 ml ✓ 50 ml ✓ 200 ml ✓
10016443 10017888 10020027

AN 306-41

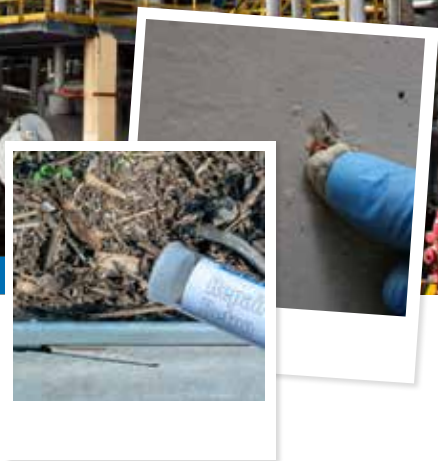
- Retaining Cylindrical Assemblies

medium viscosity
medium strength
disassembly with normal tools

20 ml ✓ 50 ml ✓ 200 ml ✓
10020029 10017892 10020033



For further packing sizes and more detailed product information, please visit our website www.weicon.com



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 ✓
10010237 10007717

Copper



- very fast-curing
- colour: copper

57 g ✓ 115 g ✓
10010227 10006609

Multi-Purpose



- fast-curing
- mineral-filled

57 g ✓ 115 g ✓
10053992 10053995



Concrete

- fast-curing
- ceramic-filled

57 g ✓ 115 g ✓
10025685 10025687

Plastic



- viscoplastic
- colour: white-blue

57 g ✓ 115 g ✓
10017301 10017334

Aqua

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

57 g ✓ 115 g ✓
10008519 10006608

Steel



- fast-curing
- colour: dark grey

57 g ✓ 115 g ✓
10010241 10007705

Belt Repair-Kit

WEICON Belt Repair-Kit is a 2-component polyurethane system for the fast repair and coating of rubber surfaces.

The Belt Repair-Kit offers fast and easy processability. The system is suitable for various applications, such as the repair and coating of conveyor belts, the repair of rubber coatings, for use as flexible wear protection, and for the fast repair of worn-out rubber surfaces.



For large-area repairs (holes)

► 550
10055014
Work Package



For smaller repairs (cracks)

► 590
10052425
Cartridge





WEICON Solutions for the Cement Industry

Pipe Repair Kit

FOR FAST PIPE REPAIR
30 minutes only



plastic repair tape

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 Multi, 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

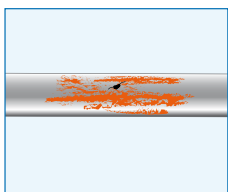
▶ 5 cm x 1,5 m
10055737

5/35

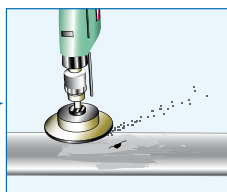
▶ 5 cm x 3,5 m
10055738

10/35

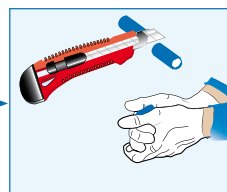
▶ 10 cm x 3,5 m
10055740



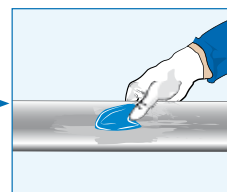
No pressure on the pipe



Roughen the surface



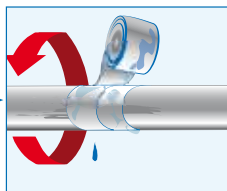
Portion the stick, knead



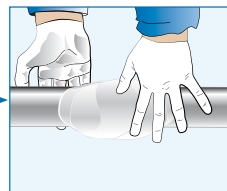
Close the leak



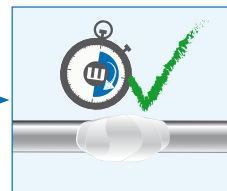
Dip repair tape into clean water



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



**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
WhatsApp + 49 (0) 251 9322 393
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
34538 Hadimköy-Esenyurt · Istanbul
Türkiye
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. del Camino de lo Cortao, 30
nave 22, San Sebastián de los Reyes
28703 Madrid · Spain
phone +34 (0) 914 7997 34
info@weicon.es

WEICON Italia S.r.L.

Via Gelasio Adamoli, 35
16141 Genova · Italy
phone +39 010 2924 871
info@weicon.it

WEICON Colombia S.A.S

Calle 19, 43b-64
Medellín · Colombia
phone +57 310 837 37 99
info@weicon.co

WEICON Australia Pty Ltd

Lot 9 · Unit 3, 55-65 Christensen Road
Stapylton · QLD 4207 · Australia
phone +61 (0) 452 553 384
info@weicon.com.au

www.weicon.com

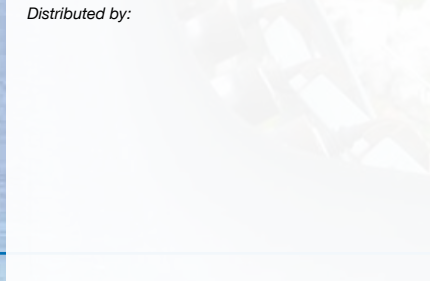


Management System
ISO 9001:2015
ISO 14001:2015

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WEICON Solutions for the
Cement Industry

Art.-No. 10010277

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