



WEICON for the Maritime Industry



WEICON®

WEICON Aqua-Flex

Special adhesive and sealant for a variety of applications, also on wet and humid surfaces as well as for underwater applications. WEICON Aqua-Flex is gap-filling (<25 mm) and cures practically without shrinkage to a permanently elastic material. Suitable for the repair of tiles and joints, even underwater*¹ as well as for sealings in humid areas and in the sanitary sector*². Aqua-Flex is resistant to sweet and sea water.

*¹ not suitable for applications in chloric water
*² bacterial infestation possible

WEICON Black-Seal

Black-Seal is especially suited for the use in machine construction and engineering as well as for engine and car manufacturing. It provides excellent adhesion on aluminium, steel, wood, glass, ceramics and many other materials. Areas of application are amongst others engines, water pumps, gears, axles, oil sumps etc. Temperature resistant from -60°C (-76°F) to +280°C (+536°F), briefly (<3 hours) up to +300°C (+572°F).

WEICON Flex 310 M® **Crystal**

Strong adhesive and sealant on the basis of a POP hybrid polymer. Excellent ageing stability and salt water resistance, good UV stability and free of solvents, especially isocyanates. Cures transparent / crystal clear.

WEICON Flex 310 M® **Super-Tack**

Elastic one-component adhesive and sealant with fast development of adhesive strength. Flex 310 M Super-Tack has a very high initial adhesive strength and also enables adhesive bonds on vertical surfaces indoors and outdoors.





WEICON Anti-Seize “High-Tech“

NSF Non-food
Compounds
Registration
Programme

A white, metal-free* high-performance lubricating and anti-corrosion compound. It prevents electrolytic corrosion (“cold welding“) between metals and is temperature resistant from -40°C (-40°F) up to $+1,400^{\circ}\text{C}$ ($+2552^{\circ}\text{F}$). Range of application: Stud bolts in motors, seals (e.g. in water pumps), threaded spindles, bearing casings, hatches, cranes and winches, masts, sheet and anchor winches, shroud spanner, slides, and shackles.



*less than 0.1%



WEICON Allround Lubricant Type AL-W

AL-W Special lubricant and corrosion protection, also for underwater applications (classification to DIN 51 502: KPL 1-2E -25). Effective protection against aggressive liquids (e.g. salt water, sewage water) in maritime areas and in wet plants. Temperature range: -25°C (-13°F) to $+80^{\circ}\text{C}$ ($+176^{\circ}\text{F}$)



WEICONLOCK®

Anaerobic adhesives and sealants

AN 302-43 Threadlocking; DVGW² and KTW¹ approval for use in drinking water supply systems, higher viscosity, medium strength, normal to disassemble

AN 302-80 Sealing of threaded pipes and fittings for passive materials, higher viscosity, high strength, hard to disassemble

AN 306-30 Retaining cylindrical assemblies, for passive materials, BAM³-certificate; higher viscosity, high strength, hard to disassemble



WEICON Contact VA 2500 HT

Cyanoacrylate adhesive • high viscosity, 2000-3000 mPa·s
• slow-curing • temperature resistant from -50°C (-58°F) to $+135^{\circ}\text{C}$ ($+275^{\circ}\text{F}$) • residual elasticity after curing, therefore particularly suitable in ever changing climatic conditions
• not sensitive to longer term humidity • excellent peel and shock resistance • ideal for bonding different rubber materials and plastics as well as metal to plastic



¹ KTW test (Technologiezentrum Wasser TZW Karlsruhe) for use in drinking water supply systems

² DVGW Certificate for use in gas supply and hot water systems

³ BAM Approval (Bundesanstalt für Materialforschung und -prüfung BAM Tgb.-No. 4045/96 - II 2402 for gaseous oxygen up to max. $+60^{\circ}\text{C}$ operating temperature and 10 bar oxygen pressure).

WEICON for the Maritime Industry



WEICON Corro-Protection

Forms a dry, wax-like film that provides lasting protection of tools and precision parts made of metal for in-door storage and overseas shipment.



WEICON Rust Protection 2000 PLUS

Rust Protection 2000 PLUS is a special corrosion and weathering resistant surface coating made on the basis of iron-III-oxide (hematite). By using highly-purified iron oxide pigments in a flake-like structure, a permanent weathering and water resistant surface protection is achieved.

A higher corrosion protection is achieved by double crosscoating application: >2.000 hours salt spray test = >20 years natural weathering (C5-I corrodibility class ISO 12 944, part 2)
Colours: charcoal grey and silver-grey.

WEICON Stainless Steel Spray

A corrosion and weathering resistant surface coating. Due to its high chemical resistance, this spray can be used wherever a resistant, effective protective layer is required.

WEICON Stainless Steel Care Spray

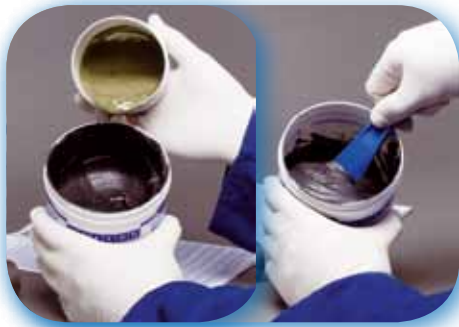
Especially developed for the cleaning, care and protection of matt and polished stainless steel surfaces indoors and outdoors. Has an antistatic effect.

WEICON AT-44

Allround-Spray with PTFE-Super Power

Used in all industrial and workshop areas. Corrosion protection, cleaning, water resistance, lubrication and conservation are combined in one product.





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Distributed by:

WEICON Plastic Metal

The ideal product for fast, cost-effective and durable repairs, bondings and coatings of the most different types of material. Temperature resistant from -35°C (-31°F) to $+120^{\circ}\text{C}$ ($+248^{\circ}\text{F}$), Type SF up to $+90^{\circ}\text{C}$ ($+194^{\circ}\text{F}$)

- Type A Putty, steel-filled. Especially suitable for the elimination of corrosion damages and pitting on tanks, repairs on pipes and castings, housings and machine parts.
- Type BR Putty, bronze-filled. For filling blowholes and rebuilding bronze equipment parts (e.g. propellers of ships). Non-corroding.
- Type SF For quick repairs (pot life 5 min.) on corroded tanks, pump cases, pipes, funnels and anchorages.
- Type UW Repair and maintenance works in the whole marine and offshore sector and wherever dampness and wetness lead to bonding problems.

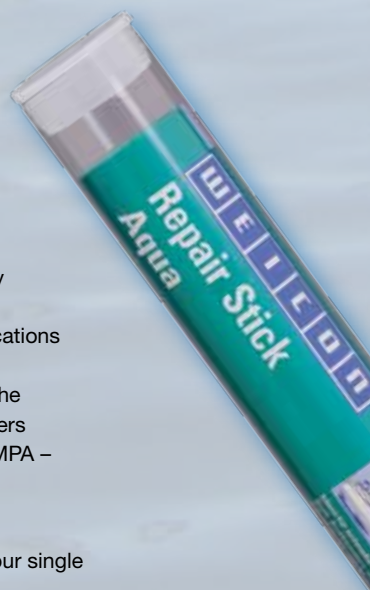


WEICON Repair Stick Aqua

Easy to use: Cut off – knead – use.

Temperature resistant from -50°C (-58°F) up to $+120^{\circ}\text{C}$ ($+248^{\circ}\text{F}$), briefly up to $+150^{\circ}\text{C}$ ($+302^{\circ}\text{F}$).

Ideal for repairs on wet and damp surfaces and for underwater applications.



RINA

RINA certificate on the suitability of WEICON Repair Sticks and WEICON Plastic Metal for applications in the marine sector.



ISSA / IMPA

WEICON products are listed in the ISSA – International Ship Suppliers Association – as well as in the IMPA – International Marine Purchasing Association – catalogue.

Detailed information on these products is provided in our single brochures and at www.weicon.de

The specifications and recommendations given in this brochure must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.