

WEICON products for the Tooling, Model and Mould Making Industry

WEICON RK-1300 / RK-1500

Two-component construction adhesives based on methacrylate. Both systems are processed in the “no-mix” procedure, i.e. a mix of both components (adhesive and activator) is not necessary.

WEICON RK-1300	WEICON RK-1500
High viscosity, 21.000 mPa-s (pasty)	Low viscosity 4.500 mPa-s (liquid)
Can also be processed on vertical surfaces	Easy processing on large bonding areas
Quick initial bonding strength (handling strength after 6 min.)	Quick initial bonding strength (handling strength after 5 minutes)
High shear and peel strength	
Residual elasticity and impact resistance	
Colour tone beige, opaque	Colour yellowish, transparent

WEICON RK-7000

High strength, fast curing 2-component construction adhesive with high tensile, shear and peel strength. Excellent adhesion on plastics (e.g. PVC, ABS, PMMA, fibre glass, phenol), polyurethane, epoxies and many other materials. High viscosity, therefore also suitable for vertical surfaces.

WEICON Contact Cyanoacrylate Adhesives

Cold-curing one-component adhesives, free of solvents. They quickly polymerise by reacting with moisture both on the surfaces to be bonded and from the air, and cure under light pressure. Temperature resistance up -50°C (-58°F) to approx. $+80^{\circ}\text{C}$ ($+176^{\circ}\text{F}$) (briefly up to $+100^{\circ}\text{C}$ ($+212^{\circ}\text{F}$), Type VA 2500 HT from -50°C (-58°F) to $+135^{\circ}\text{C}$ ($+275^{\circ}\text{F}$).

- VA 8406
 - low viscosity, very fast-curing
 - for bonding of numerous rubber materials (e.g. solid rubber or cellular rubber) and plastics
 - especially suitable for bonding of EPDM elastomers
 - also suitable for bonding polyolefines (PE/PP), PTFE and silicones in combination with WEICON CA-Primer
- VA 1401
 - medium viscosity, fast-curing
 - good curing also on fabric, paper, cardboard, as well as foam rubber and elastomers with large porosities
 - universal type for bonding metals, plastics and rubber to and among each other
- VA 2500 HT
 - high viscosity, slow-curing, residual elasticity after curing, therefore particularly suitable in ever changing climatic conditions
 - not sensitive to longer term humidity





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 WEIDLING C up to $+220^{\circ}\text{C}$ (-364°F).

Type WR

Liquid, steel-filled, wear resistant.

Repair of shafts, pouring out bearings, cutting and punching tools, making of castings and drawing moulds, underpouring machines and foundations.

Type C

Liquid, aluminium-filled.

Suitable for pouring out moulds (e.g. vacuum and foam moulds), making fixing devices and tools, (e.g. injection dies) which are exposed to high temperatures.

Type Casting Resin MS 1000

Liquid, unfilled.

Universal casting and laminating resin system.

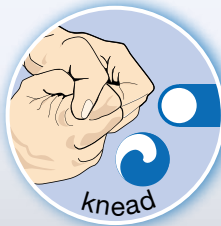
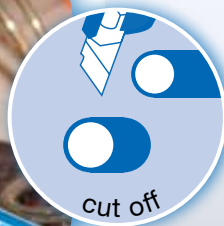
May be filled with a variety of different fillers.

Can also be used as back-filling material.

WEICON Repair Sticks

Two-component adhesives

Easy to use:



Type Titanium

For high temperature and wear resistant repairs and bondings of metal parts. Temperature resistant up to $+280^{\circ}\text{C}$ ($+536^{\circ}\text{F}$) (briefly up to $+300^{\circ}\text{C}$ / $+572^{\circ}\text{F}$).

Type Steel

Especially for quick and high-strength repairs and bondings of steel and other metal parts.



WEICON products for the Tooling, Model and Mould Making Industry

WEICONLOCK®

One-component anaerobic adhesives and sealants, especially made for metal assembly parts.

WEICONLOCK is a fast, reliable and economical product for retaining, sealing and gasketing all kinds of threaded, cylindrical or flanged joints.

AN 302-43 Threadlocking, medium strength, approved to DVGW¹- and KTW², higher viscosity, disassembly with normal tools.

AN 306-30 Retaining cylindrical assemblies; for passive materials (e.g. aluminium, stainless steel); high strength, BAM³-Approval; higher viscosity, hard to disassemble.

¹ DVGW Certificate for use in gas supply and hot water systems

² KTW test (Technologiezentrum Wasser TZW Karlsruhe) for use in drinking water supply systems

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



WEICON Anti-Seize „High-Tech“

White, metal-free*corrosion protection and high performance assembly paste. Prevents electrolytic corrosion (“cold welding”) between metals and is temperature resistant from -40°C (-40°F) up to +1,400°C (+2,552°F).

WEICON Anti-Seize “High-Tech” is especially suitable for assembly work where the use of metal-containing compounds is not wanted for optical reasons, where nickel-containing products are prohibited for health reasons and where copper-containing products are prohibited for electro-chemical reasons.

*less than 0.1%





WEICON Mould Cleaner **New**

Highly active substances (organic solvents) serve to clean the surfaces of the moulds from remaining layers of resin, release agent residues and other substances.



WEICON Corro-Protection

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



WEICON Surface Cleaner **New**

Is used for cleaning and degreasing surfaces to be joined or sealed with WEICON adhesives and sealants. Can be applied on materials like metal, glass, ceramic and most plastics*. Only grease-free and clean surfaces guarantee both good adhesion and reliable curing of the adhesive.

* Check surface compatibility prior to use.

WEICON AT-44

Allround-Spray with PTFE-Super Power

Finds its use in all sectors of industry and workshops. By its special formula, the product combines effectiveness in corrosion prevention, cleaning, water displacement, lubrication and preservation.

WEICON Mould Release Agent

Silicone-free lubricant and release agent. The high-quality material combination with a high lubricating effect consisting of pure, natural products prevents adhesion to plastics, moulds, metals, and tools. Temperature resistant from -20°C (-4°F) to $+130^{\circ}\text{C}$ ($+266^{\circ}\text{F}$).

WEICON GmbH & Co. KG

Königsberger Str. 255 • DE-48157 Münster
Postfach 84 60 • DE-48045 Münster

Tel. +49 (0) 251 / 93 22-0
Fax +49 (0) 251 / 93 22-244
Fax +49 (0) 251 / 93 22-233 *Export*
www.weicon.de • info@weicon.de

WEICON Middle East L.L.C.

Jebel Ali Ind Area 3
P.O. Box 118 216
Dubai • U.A.E

Phone +971 4 880 25 05
Fax +971 4 880 25 09
Mobile +971 50 545 99 83
www.weicon.ae
info@weicon.ae

WEICON Inc.

20 Steckle Place
Unit 20 • Kitchener
Ontario N2E 2C3
Canada

Phone +1 519 896 5252
Fax +1 519 896 5254
Mobile +1 519 590 5168
www.weicon.ca
info@weicon.ca

Distributed by:

Detailed information on these products is available from 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.

