

# WEICON for the Solar Energy

## WEICON Solar-Flex

Elastic one-component adhesive and sealant with fast development of adhesive strength. On an MS polymer basis. It contains no substances that hinder the coating of lacquer (e.g. silicone), no solvents and no isocyanate. Solar-Flex has a very high initial adhesive strength and also enables adhesive bonds on vertical surfaces indoors and outdoors. For strongly stressed adhesive bonds on solar power systems, solar junction boxes, marking systems and wherever silicone or products containing silicone are unsuitable.

## WEICON Primer P400

Adhesion agent for the pretreatment of non-absorbent, low-energy surfaces, such as plastics (PE, PP, TPE) and elastomers (EPDM).

## WEICON Silicon N

Neutrally-vulcanizing, permanently elastic adhesive and sealant with excellent adhesion properties. It cures by atmospheric moisture with practically no shrinkage. The ideal product for bonding and sealing solar glazing and module frames on solar panels made of both metal and plastic. WEICON Silicone N has a very good adhesion on aluminium, nonferrous heavy metals, glass, acrylic glass, ceramic, and many other materials.

## WEICON Black-Seal

Special silicone for all those applications in the solar industry where a high temperature resistance is required. Temperature range:  $-60^{\circ}\text{C}$  ( $-76^{\circ}\text{F}$ ) to  $+280^{\circ}\text{C}$  ( $+536^{\circ}\text{F}$ ), briefly ( $<3$  hours) up to  $+300^{\circ}\text{C}$  ( $+572^{\circ}\text{F}$ ). Outstanding resistance to weathering and UV light and optimum sealing in contact to oils, greases and other aggressive media.

## WEICON Easy-Mix S 50

Cold-curing, solvent-free two-component system with extremely strong bonding properties. WEICON Easy-Mix S 50 enables material bonds with high tensile and impact strength and is thus ideal for assembly, repairs and production. Ideal too for series production with short cycle times. Viscous, self-levelling and very short pot life (4-5 minutes).







## WEICON Multi-Schaum

Powerful foam cleaner for all glass, metal and plastic parts without leaving residues. Removes stains and smears and cares for both plastic and lacquered surfaces.

## WEICON Plastic Cleaner

The ideal product for cleaning and degreasing sensitive plastics like thermoplasts (PVC, PMMA = Plexiglas, polystyrene, etc.), rubber materials (e. g. seals) and lacquered surfaces (e. g. powder-coated metal parts).

## WEICON Zinc Spray

Provides a durable cathodic corrosion protection for all metal surfaces, e.g. hot-galvanised parts. WEICON Zinc Spray forms a fast-drying, adherent protective layer of micro-fine zinc flakes and is temperature-resistant up to approx. 500°C.

The new zinc flakes form an extraordinarily resistant protective layer, even with extreme weather and environmental conditions. Thus, WEICON Zinc Spray exceeds the requirements of the DIN EN ISO 1461.

## WEICON Anti-Seize „High-Tech“



White, metal-free\* high-performance lubricating and anti-corrosion compound. 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 particularly suited if metalliferous pastes are not desired for optical reasons, if nickeliferous products should not or may not be used for health reasons and if copper-containing compounds could cause electrolytic corrosion.

\*less than 0.1%





# WEICON for the Solar Energy

## WEICONLOCK®

Anaerobic adhesives and sealants

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 Universal threadlocking type, medium strength, higher viscosity. DVGW<sup>1</sup>/KTW<sup>2</sup> approval

AN 302-60 Threadlocking, high strength, medium viscosity, hard to disassemble

<sup>1</sup>DVGW approval for use in gas supply and hot water systems  
<sup>2</sup>KTW test for use in drinking water supply systems

## WEICON Contact

Cyanoacrylate Adhesives

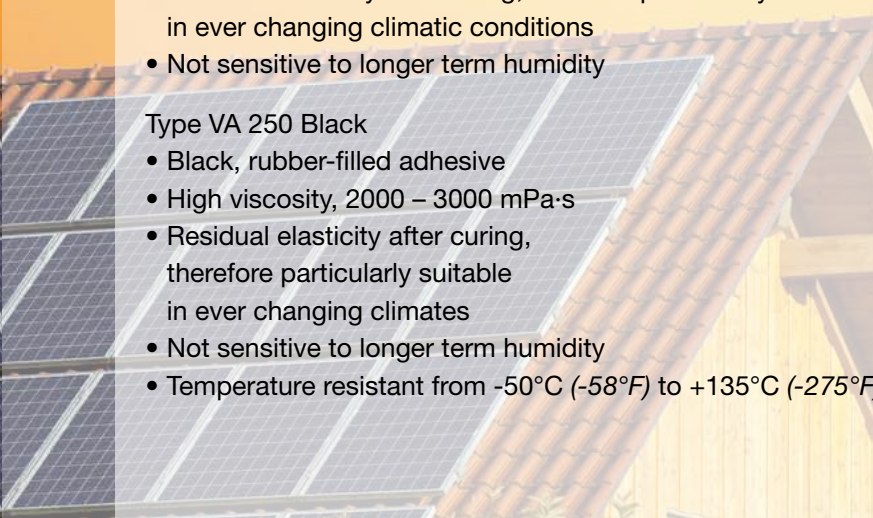
Cold-curing one-component adhesives, free of solvents. They quickly polymerise by reacting with moisture both on the surfaces to be bonded and from the air, and cure under light pressure. They will bond within seconds almost all materials to themselves and among each other, such as metals, plastics, glass, ceramics, wood, leather, natural and synthetic rubber.

Type VA 2500 HT

- High viscosity, 2000-3000 mPa-s
- Temperature resistant from -50°C (-58°F) to +135°C (-275°F)
- Residual elasticity after curing, therefore particularly suitable in ever changing climatic conditions
- Not sensitive to longer term humidity

Type VA 250 Black

- Black, rubber-filled adhesive
- High viscosity, 2000 – 3000 mPa-s
- Residual elasticity after curing, therefore particularly suitable in ever changing climates
- Not sensitive to longer term humidity
- Temperature resistant from -50°C (-58°F) to +135°C (-275°F)





## WEICON for the Solar Energy



### WEICON Wire Stripper No. 7 Solar

Automatic wire stripper for all common round cables used in solar engineering.

- The precise adjustment (5-fold) allows an easy removal of the multiple insulation layers of solar cables.
- Built-in side cutter up to max. 3 mm Ø.
- Optical length scale 8 – 24 mm, 5/16 – 1 inch.

Working range:  
Cable and wire  
stripping of all  
common flexible  
cables in a range  
of 1.5 mm<sup>2</sup> – 6.0 mm<sup>2</sup>  
(15-9 AWG).



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