

# WEICON for the Rubber and Plastic Industry

## WEICON RK 7000

High strength, fast curing 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 Easy-Mix Mixing and Dosing System

Cold-curing, solvent-free two-component systems with extremely strong bonding properties. Thanks to the modern mixing and dosing system, all three types can be cleanly and accurately automatically dosed, mixed and applied in only one working operation.

**Type S 50** For quick repair and maintenance jobs. Ideal too for series production with short cycle times. Viscid, self-levelling, very short pot life (4-5 minutes)

**Type N 50** Ideal for manufacturing processes with assembly and positioning carried out at different times. Viscid, self-levelling, normal pot life (45 minutes)

**Type N 5000** Particularly suitable for connections where appearances are important. Liquid, self-levelling, shorter pot life (20 minutes)



## WEICON Easy-Mix PE-PP 45

Fast-curing solvent-free 2-component acrylate adhesive with extremely strong bonding properties.

Especially suitable for structural bondings of low energy plastics such as PE, PP and many other materials, without pre-treatment of the surface. Pot life: approx. 2-3 min. Temperature resistant from -55°C (-67°F) to +80°C (+176°F).





## WEICON Contact Cyanoacrylate Adhesives

### Type VA 8312

- low viscosity, 20-40 mPa·s • very fast-curing
- for bonding of numerous rubber materials (e.g. solid rubber or cellular rubber) and plastics
- also suitable for bonding polyolefines (PE-Polyethylene, PP-Polypropylene) in combination with WEICON CA-Primer

### Type VA 8406

- low viscosity, 20-50 mPa·s • 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, in cases where quick fastening is necessary • also suitable for bonding polyolefines (PE-polyethylene, PP polypropylene), PTFE and silicones in combination with WEICON CA-Primer

### Type VA 250 Black

- high viscosity, 2000-3000 mPa·s
- slow-curing • residual elasticity after curing, therefore particularly suitable in ever changing climates
- not sensitive to longer term humidity
- temperature resistant from  $-50^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$ ) to  $+135^{\circ}\text{C}$  ( $+275^{\circ}\text{F}$ ) • black, rubber-filled adhesive
- excellent peel and shock resistance

### Type VA 1460

- medium viscosity, 120-200 mPa·s
- longer curing • low odour and "blooming"
- for bonding numerous materials
- less sensitive to humidity when cured

## WEICON Contact Primer for Polyolefines

Plastics that have been pre-treated with WEICON Contact Primer change their surface structure. Thereby, the joining of materials like polyethylene (PE) and polypropylene (PP), belonging to the polyolefine group, is made possible.



# WEICON for the Rubber and Plastic Industry

## WEICON Plastic Cleaner

The ideal product for cleaning and degreasing sensitive surfaces, e.g. window frames and roller blinds, plastic and rubber profiles. Recommended for the pre-treatment of surfaces for bonding.



## WEICON Mould Release Agent

Prevents the adhesion (e.g. of WEICON Plastic Metal) to plastics, moulds, metals and tools due to its high sliding effect. Silicone-free.



## WEICON Silicone Spray

A sliding and release agent for efficient production and maintenance. At the same time, it assumes the function of a preservative and care product for plastic, rubber and metal. Provides a durable separating film and good surface properties.



## WEICON PTFE-Spray

Grease-free, clean, dry lubricant with excellent sliding properties. Due to the high PTFE percentage, the coefficient of friction is considerably reduced. Temperature resistant from  $-180^{\circ}\text{C}$  ( $-292^{\circ}\text{F}$ ) to  $+250^{\circ}\text{C}$  ( $+482^{\circ}\text{F}$ ).





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## WEICON Urethane

Liquide Polyurethane. Temperature resistant from -60°C (-76°F) to +90°C (+194°F). Flexible Casting and Coating Resin providing high impact strength and abrasion resistance. For making: vibration dampers, assembling jigs

• flexible seals • rubber-like prototypes. Types with different shore hardness (D 45, D 60, D 80) are available.

## WEICON Repair Stick Plastic



Easy to use: Cut off - knead - use  
Especially for durable repairs of plastic parts\* and fibre reinforced materials (GFRP, CFRP, fibre glass) with residual elasticity as well as for bondings of metal parts.

\* except for plastics such as PE, PP, PTFE, etc.

## WEICON Flex 310 M<sup>®</sup> Classic

A strong, sandable and overpaintable adhesive/sealant (POP hybrid polymer) that cures practically without shrinkage. Almost all materials, such as metals, wood, plastics, glass, ceramic, etc., can be bonded to themselves and among each other without the necessity to use a primer.

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