



Do you have any questions about bonding technology?

Our service consultants are available for you:
 +49 (0) 2773 / 815 - 255
 +49 (0) 2773 / 815 - 274

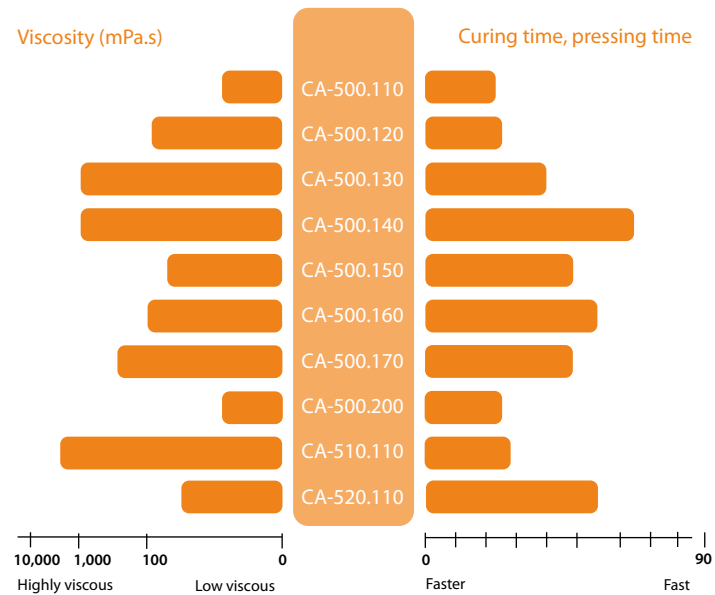
SERVICE is a huge priority with us

Expert advice and service are counted to the elementary core competencies of our company. For all technical questions referring the application of our adhesive systems and special cleaning agents the competent consultants of our Service Center will be available for you with their specialist knowledge. We take your questions seriously and show you the ways to reach optimized results.

Our service and advisory performances

- Support with creating the requirements specifications
- Expert advice on the selection of the adhesives
- Optimization tips for the design of the bonding surfaces
- Rationalization proposals for work flows
- Recommendation of suitable dosing units as well as application and pressing technologies
- Optimization of workstations for the processing of adhesives

Overview: Viscosities / curing times, pressing times



Selection matrix: Material

COSMO®	500,110	500,120	500,130	500,140	500,150	500,160	500,170	500,200	510,110	520,110
Steel	○	○	○	●	●	○	○	○	○	○
Aluminium	○	●	○	●	●	○	○	●	○	○
EPDM	●	●	○	○	○	●	○	●	●	●
Leather	●	●	○	○	○	●	●	●	●	●
PVC	●	●	●	○	○	○	●	●	●	○
ABS	●	●	●	○	○	○	●	●	●	●
PMMA	○	○	○	○	○	○	●	●	○	○
PS	●	●	●	○	○	○	●	●	●	●
GRP	○	○	●	●	○	○	●	●	●	●
HPL	○	○	●	●	○	○	●	●	●	○
Wood	○	○	○	○	○	○	●	○	●	○
MDF	○	○	○	○	○	○	○	○	○	○
Cardboard	○	○	○	○	○	○	○	○	○	○

○ Limited suitability ● Eminently suitable

Selection matrix: Fields of application / industry segments

COSMO®	500,110	500,120	500,130	500,140	500,150	500,160	500,170	500,200	510,110	520,110
Sealing industry	●	●	○	○	●	●	○	●	●	○
Vehicle & aircraft construction / shipbuilding	●	●	●	●	●	●	●	●	●	○
Metal construction / techn. industry needs	●	●	●	●	●	○	○	●	●	○
Plastics / elastomer / rubber processing	●	●	○	○	○	●	●	●	●	●
Leather / shoe industry / orthopaedics	●	●	●	○	○	●	●	●	●	○
Window / door construction	●	●	●	○	○	○	○	●	○	○
Advertising techniques / advertising industry	●	●	●	○	●	○	●	●	●	●
Electrical / electronic industry	●	●	○	●	●	○	○	●	●	●
Household appliances production	●	●	○	●	●	○	○	●	●	○
Clocks / jewellery / optical syst. / prize cups	○	●	○	●	○	○	○	●	●	●
Medical / dental technology	●	●	●	○	○	○	○	●	○	●
Model making / furniture industry	○	●	●	○	○	○	○	○	○	○
Nail care studios	○	●	○	○	○	○	○	○	○	○
Toy industry	○	●	○	●	○	○	○	○	○	○

○ Limited suitability ● Eminently suitable



APT/EPDM seals in window construction



Bonding of door seals



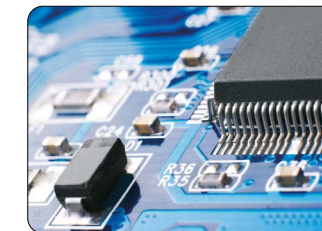
Bonding of signs



Shoe repair



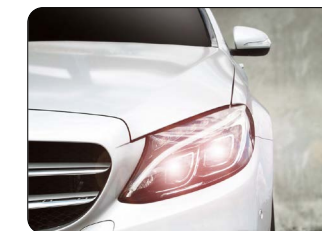
Toy industry



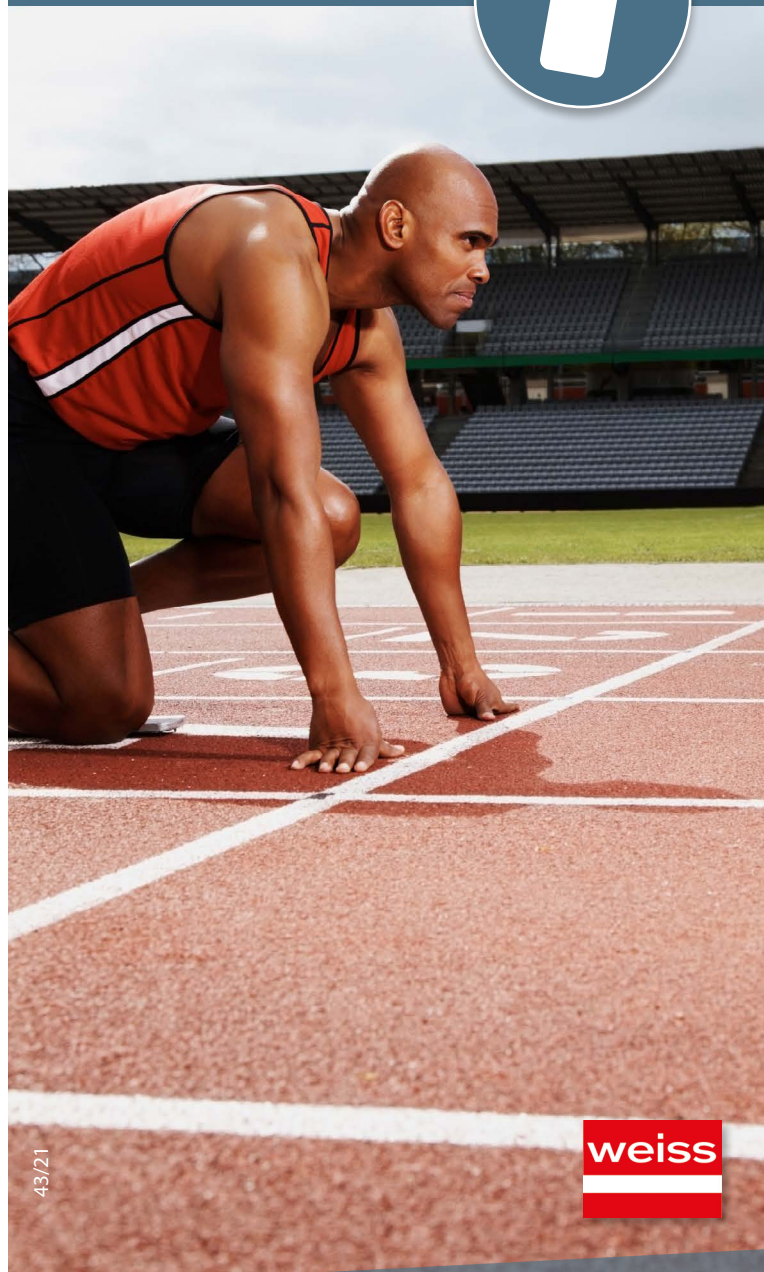
Electrical industry



Round sealings and sealing sections



Automobile accessories



Product description

CA-Adhesives

Bonding within seconds

The solvent-free, one-component, fast-setting adhesives made by Weiss especially feature high universality and support you efficiently in all processes where they especially depend on fast and powerful bonding.

The most difficult material connections which, in the past, could only be achieved by complex bonding processes with long pressing and rest times, can now be performed with our highly-modern CA-adhesives within seconds and are immediately ready for the next production process.

Nearly all conventional materials, e.g. metals, many types of plastics, elastomers, wood, leather, ceramics, stone and many more, can be bonded with high strength, to be safe and age-resistant using the COSMO® fast-setting adhesives.



Re-closable dosing cap

- Easy opening, dosing and closing
- Single-hand operation, immediately ready for use
- No premature hardening of the content



Don't cut the tip



Exact dosing of adhesive

- Continuous regulation of quantity
- Reduced adhesive consumption

Selected CA adhesives

COSMO® CA-500.110 The SUPER-FAST ADHESIVE

- ✓ Extremely short fixing times
- ✓ Very high strength
- ✓ Good weather-resistance
- ✓ Highly frost- and heat-resisting
- ✓ Bonding of APTK/EPDM elastomers

COSMO® CA-500.120 The UNIVERSAL ADHESIVE

- ✓ Short fixing times
- ✓ Very high strength
- ✓ Easy-to-process application viscosity
- ✓ Good weather-proofness
- ✓ Also for slightly absorbent substrates
- ✓ Highly frost- and heat-resisting

COSMO® CA-500.130 The DECORATION SPECIALIST

- ✓ For bonding on decorative surfaces
- ✓ Excellent heat and frost resistance
- ✓ Among others, recommended by RENOLIT for bonding of additional profile strips on RENOLIT FAST
- ✓ Good weather-proofness

COSMO® CA-500.140 The METAL ADHESIVE

- ✓ Especially suitable for bonding of metals
- ✓ Very high strengths
- ✓ Excellent heat and frost resistance
- ✓ High weather-resistance

COSMO® CA-500.150 The HEAT-RESISTANT

- ✓ Especially resistive to temperature impacts
- ✓ High strength

COSMO® CA-500.160 The ELASTIC ADHESIVE

- ✓ Especially flexible adhesive joint
- ✓ Also suitable for bonding of foamed rubber
- ✓ Bonding of leather

COSMO® CA-500.170 The ASSEMBLY PROFES-

- ✓ For absorbent substrates
- ✓ Short fixing times
- ✓ Very high strength
- ✓ Highly frost- and heat-resisting
- ✓ Easy-to-process application viscosity
- ✓ Good weather-resistance

COSMO® CA-500.200 The PLASTICS SPECIALIST

- ✓ Short fixing times
- ✓ Very high strengths
- ✓ High frost and heat resistance
- ✓ Good bonding on several substrates

COSMO® CA-510.110 The STABLE ADHESIVE

- ✓ Especially non-slump
- ✓ does not drop off
- ✓ Gap filling
- ✓ Short fixing times
- ✓ Also suitable for vertical and overhead bonding

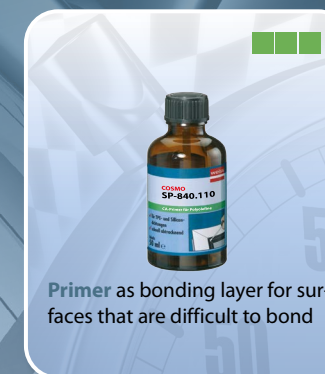
COSMO® CA-520.110 The ODORLESS ADHESIVE

- ✓ No smell pollution during hardening
- ✓ Reduced blooming

Product packaging / accessories



Easy-to-process application bottles in packages of 10g, 20g and 50g with **long storage stability**. Large-size trading units, i.e. 500g bottle and 10kg canister, for bottling in the factory or for processing with dosing or application devices.



Primer as bonding layer for surfaces that are difficult to bond



Accelerator for controlled spontaneous hardening of the adhesive joint



Dosing cap for 10g-, 20g- and 50g bottles



Dosing tip for 10g-, 20g- and 50g bottles



Capillary nozzle for exact fine dosing

COSMO® Adhesives in individual packages

Currently, our product range comprises more than 20 different types of high-quality, fast-setting adhesive that certainly are available in your individually designed packaging. Please contact us!



Your specialist dealer

Our Internet address is:
www.weiss-chemie.de

Or contact us directly:

weiss Weiss Chemie + Technik GmbH & Co. KG
Hansastr. 2, D-35708 Haiger
Phone: +49 (0) 2773 / 815 - 0
Fax: +49 (0) 2773 / 815 - 200
E-mail: ks@weiss-chemie.de