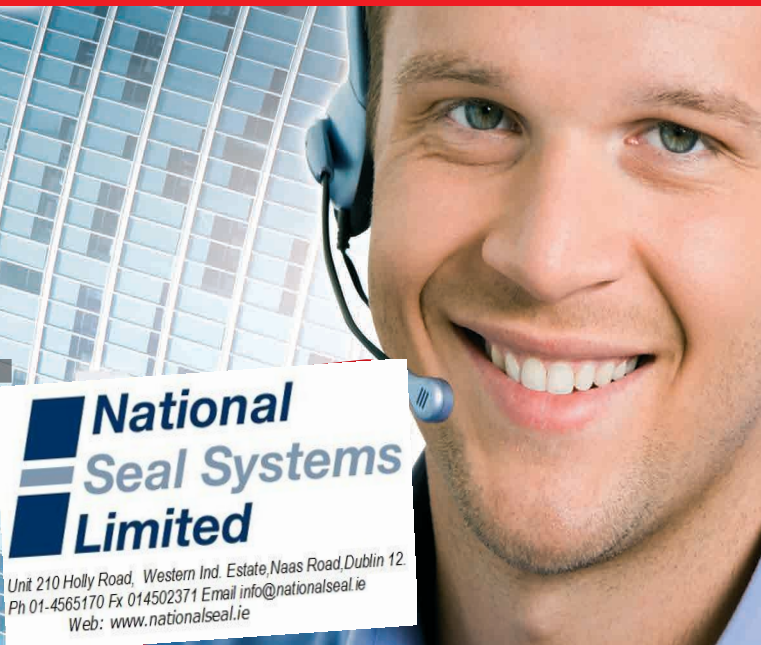


Our service centre



**National Seal Systems Limited**  
 Unit 210 Holly Road, Western Ind. Estate, Naas Road, Dublin 12.  
 Ph 01-4565170 Fx 014502371 Email info@nationalseal.ie  
 Web: www.nationalseal.ie

**SERVICE is our top priority**

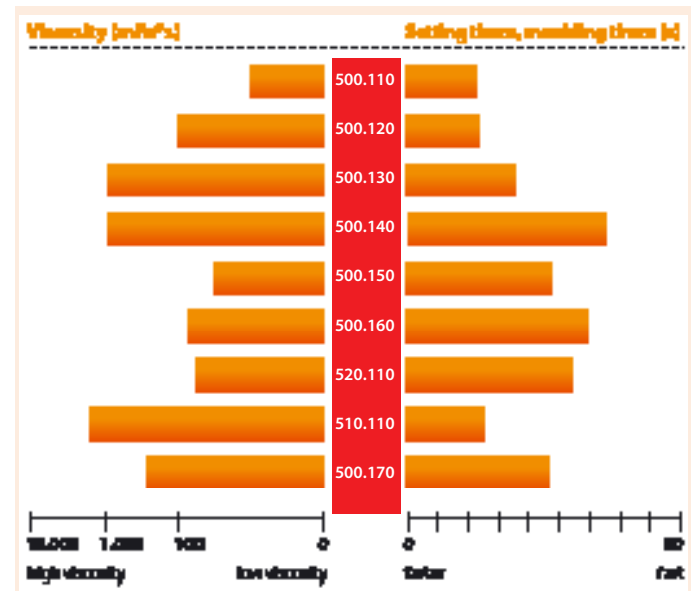
Consultation and service are among the core competencies of our company. In case you have any questions about the application of our adhesive systems and special cleaners, the consultants of our service centre would be pleased to provide you with professional advice. We take your questions seriously and show you how you can obtain ideal results.

**Our consulting and professional services**

- we help you to establish your specifications
- counselling on the selection of adhesives
- advice on the optimisation of the adhesive surface geometry
- proposals for the rationalisation of operational procedures
- recommendation of appropriate dosing devices, application and pressing techniques
- optimisation of workplaces while processing adhesives

Product properties and comparisons

Overview: viscosities / setting times, moulding times



Selection matrix: materials

COSMO	500.110	500.120	500.130	500.140	500.150	500.160	520.110	510.110	500.170
Steel	○	○	○	●	●	○	○	○	○
Aluminium	○	●	○	●	●	○	○	○	○
EPDM	●	●	○	○	○	●	○	●	○
Leather	●	●	○	○	○	●	○	●	●
PVC	●	●	●	○	○	○	○	●	●
ABS	●	●	●	○	○	○	○	●	●
PMMA	○	○	●	○	○	○	○	○	●
PS	●	●	●	○	○	○	○	●	●
GfK	○	○	●	●	○	○	○	●	●
HPL	○	○	●	●	○	○	○	●	●
Wood	○	○	○	○	○	○	○	●	●
MDF	○	○	○	○	○	○	○	●	●
Cardboard	○	○	○	○	○	○	○	●	●

○ partly suited      ● excellently suited

Selection matrix: areas of application / sectors

COSMO	500.110	500.120	500.130	500.140	500.150	500.160	520.110	510.110	500.170
Sealing industry	●	●	○	○	●	●	○	●	○
Vehicle/aircraft construction/shipbuilding	●	●	●	●	●	○	○	●	●
Metal construction/technological/industrial demand	●	●	●	●	●	○	○	●	○
Processing of plastics/elastomers/rubber	●	●	○	○	○	●	●	●	●
Leather/shoe industry/orthopaedics	●	●	●	○	○	●	○	●	●
Window/door construction	●	●	●	○	○	○	○	○	○
Advertising techn./advertising industry	●	●	●	○	●	○	●	●	●
Electrical/electronic industry	●	●	○	●	●	○	●	●	○
Production of domestic appliance	●	●	○	●	●	●	○	●	○
Watches/jewellery/optics/cups	○	●	○	●	○	○	●	●	○
Medicine/dental technology	●	●	●	○	○	○	●	○	○
Model making/furniture industry	○	●	●	○	○	○	○	●	●
Nail studios	○	●	○	○	○	●	●	○	○
Toy industry	○	●	○	●	○	○	●	●	●

○ partly suited      ● excellently suited

Application examples



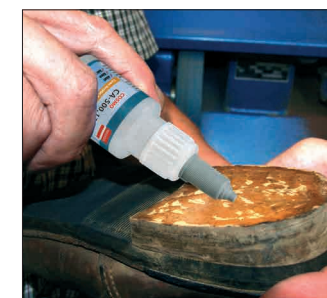
APTK/EPDM seals in window construction



bonding of door seals



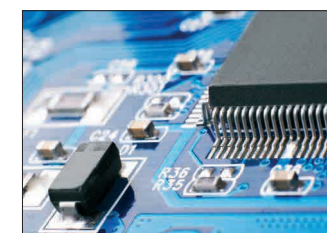
bonding of signs



shoe repairing



toy industry



electrical industry



jewellery industry



optical industry

**CA-Adhesives**  
 Bonding within seconds



## CA adhesives

### Bonding within seconds

The solvent-free one-part instant adhesives by Weiss are characterised especially by their high universality and they are highly effective for all kinds of processes in which fast and high-strength bonding is required.

By means of our state-of-the-art CA adhesives, the bonding of materials which previously could only be achieved with complex bonding processes, including long moulding and setting times, is now possible within seconds. Subsequent processing is possible immediately afterwards.

Thanks to COSMO instant adhesives, all types of conventional material can be bonded in a high-strength, safe and age-resistant manner, e.g. metal, many types of plastic, elastomers, wood, leather, ceramics, stone, etc.

**We would be pleased to assist you in choosing the appropriate products.**

Only a few drops of our super-fast instant adhesives suffice for most applications in order to achieve powerful assemblies.



### COSMO CA-500.110 The SUPER-FAST ADHESIVE

- ✓ very short setting times
- ✓ very high strengths
- ✓ good weather resistance
- ✓ high cold and heat resistance
- ✓ bonding of APTK/EPDM elastomers

### COSMO CA-500.120 The UNIVERSAL ADHESIVE

- ✓ short setting times
- ✓ very high strengths
- ✓ user-friendly application viscosity
- ✓ good weather resistance
- ✓ also suited for slightly absorbing surfaces
- ✓ high cold and heat resistance

### COSMO CA-500.130 The DECOR SPECIALIST

- ✓ for bonding decor surfaces
- ✓ excellent heat and cold resistance
- ✓ recommended by RENOLIT, among others, for bonding additional profiles onto RENOLIT FAST
- ✓ good weather resistance

### COSMO CA-500.140 The METAL ADHESIVE

- ✓ especially suited for bonding metals
- ✓ very high strengths
- ✓ excellent heat and cold resistance
- ✓ high weather resistance

### COSMO CA-500.150 The HEAT-PROOF ADHESIVE

- ✓ very resistant to influences of temperature
- ✓ high strengths

### COSMO CA-500.160 The ELASTIC ADHESIVE

- ✓ very flexible adhesive joint
- ✓ also suited for bonding cellular rubber
- ✓ bonding of leather

### COSMO CA-520.110 The ODORLESS ADHESIVE

- ✓ no smell when curing
- ✓ reduced blooming

### COSMO CA-510.110 The STABLE ADHESIVE

- ✓ very stable
- ✓ does not flow or drip down
- ✓ gap-filling
- ✓ very short setting times
- ✓ also suited for vertical and overhead bonding

### COSMO CA-500.170 The ASSEMBLY EXPERT

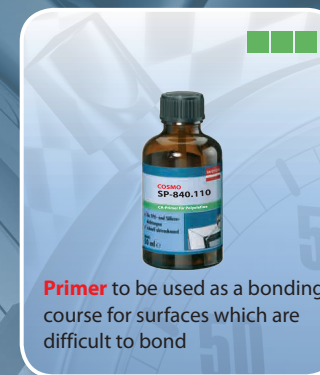
- ✓ suited for absorbing surfaces
- ✓ short setting times
- ✓ very high strengths
- ✓ high heat and cold resistance
- ✓ user-friendly application viscosity
- ✓ good weather resistance

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User-friendly bottles containing 10g, 20g and 50g contents, bulk container available as 500g bottle and 10kg canister for own fillings or for processing by means of dosage and application tools



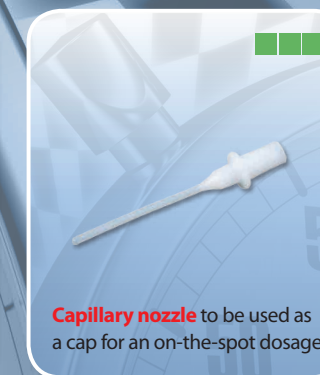
**Primer** to be used as a bonding course for surfaces which are difficult to bond



**Accelerator** for a controlled spontaneous curing of the adhesive joint



**Dosing needle** for 10g, 20g and 50g bottles



**Capillary nozzle** to be used as a cap for an on-the-spot dosage

Our quickly curing one-part adhesives are the ideal choice for all types of application which require a fast curing and functional hardness.

Thanks to our decades of industrial knowledge and knowhow, we are able to create solutions that have succeeded in the market - that is typically Weiss!

Among a global range of approved adhesives which our customers appreciate, we also offer you solutions that are exactly tailored to the needs of your special applications.

*Please contact us. We are pleased to help you!*

Your specialised dealer

Find us in the internet:  
<http://www.weiss-chemie.de>

Or contact us directly:

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