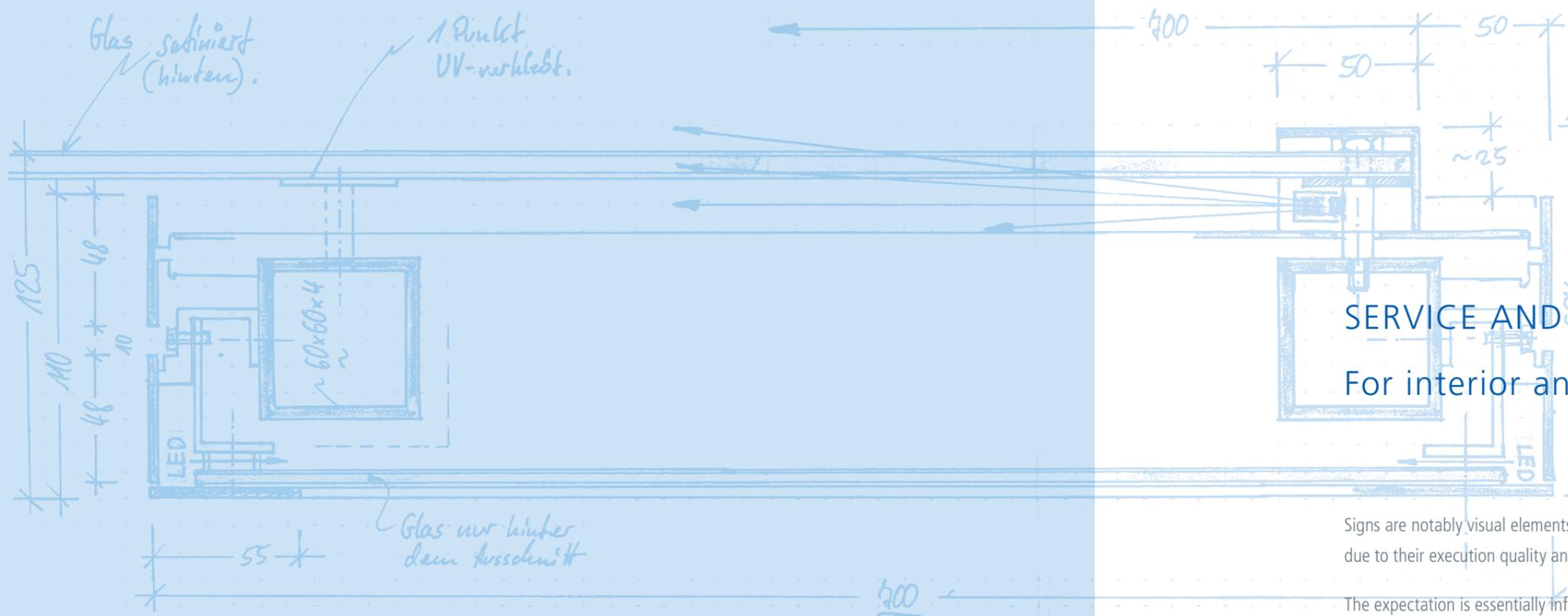


SERVICE AND MAINTENANCE  
For interior and outdoor signs





## SERVICE AND MAINTENANCE For interior and outdoor signs

Signs are notably visual elements and signalize the rank of the Company to the viewer due to their execution quality and optical state.

The expectation is essentially influenced by the outer appearance.

Our support for service and maintenance is the perfect solution for you.

...one of Europe's leading specialists in signage systems.

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## Quality and Warranty

Our customers can expect the highest quality standards due to our principle of optimal and durable surfaces with a useful life up to 10, 20 and more years. Basically, the better the care, the more you can obtain.

Our warranty complies to the guarantee from our suppliers and is based on a proper and regular care of the surfaces. Due to an improper care dirt particles can settle firmly onto the surface and concentrate the air pollutants which causes paint and permanent damages. The result is similar to an unkempt car.

...with a responsibility for people and the environment.



## Surfaces and Materials

Aluminium plates and profiles

- painted with car paint
- powder-coated or coated with iron mica
- anodized in silver or other colours

Foil lettering, reflective and digital printing foil made of Vinyl

Laminated composite board (Dibond)

Brushed or sanded stainless steel plates and tubes

Aluminium

Plexiglas, Acrylic glass or other plastics

Glass (ESG, VSG, TVG)

Find our maintenance instructions for all surfaces on page 10-11.



## Weather protection

### UV RADIATION

enforce the aging process, engages the surface and changes colours due to pigment destruction. This process can be prolonged by additional UV-protective coatings or laminates.

### RAINWATER

contains acid sulphur from emissions, moss and lichens which increase the pH-value of the surface. The use of wax or nano-care products prevent damages caused by these influences.

### WIND AND RAIN

Strong wind developed a sandblasting effect on the surface which enforce the pollution and corrosion. This can be reduced by regular cleaning and maintenance.

### OFFSET TEMPERATURE

The sealing of the surface with care products seal already existing tension cracks and avoid further damages caused by acid.

...meng stands for exceptional service.

## Protection from vandalism

### GRAFFITI PROTECTION

Additional graffiti-resistant coatings, e.g. Graffinet, protect your signs against damages caused by Graffiti. Due to this protection Graffiti can be removed free of residues.

In the case of an unprotected surface Graffiti often can be removed by chemical cleaning products. These products can engage the surface and graphics.

### CHIPPING

The use of thin high-class foils, e.g. 3M-Scotchcal makes it difficult to remove the labeling. Protective laminate makes it impossible.

Disadvantage of protective laminate: The complete surface has to be replaced with every text change.

### MECHANICAL VIOLENCE

The best possible protection against dents or scratches is the reinforcement of the surface, material-thickness and enamel coating.

### ACCIDENTAL DAMAGES

can be caused by many things, e.g. bicycles, stone-shipping, adhesive residues and so on. Adhesive residues can be removed by chemical cleaning products which can engage the surface and graphics. Especially reflective foil must be handled with care.



## Damages caused by improper care or maintenance intervals

To ensure the maximum durability and functionality of our premium quality products, please pay attention to the following service and maintenance instructions. Please note, that warranty claims and replacement services can not be relied on demonstrably improper maintenance and care.

### DO NOT USE THE FOLLOWING CLEANING PRODUCTS:

Chemical cleaners: aggressive domestic cleaner (e.g. Meister Proper, etc.), aggressive synthetic resin or nitro-cellulose combination thinner, solvent (e.g. alcohol, petrol, acetone, ammoniac etc.), abrasive detergent (e.g. Viss), aggressive detergents, bleach, whitener, drain pipe cleaner, steel cleaner and oven cleaner.

Mechanical cleaner: pointed objects (e.g. putty knife), steel wool, abrasive paper or sponge, pot cleaner.

Remark: Do not use paper towels and high-pressure cleaner.

## Maintenance interval

Recommended – every 6 months, once each in springtime and autumn

Minimum – every 12 months in springtime





## Cleaning of materials

### ALUMINIUM SURFACES AND PROFILES

Use clear water (max. 25°C) without abrasive detergents and a soft towel for the cleaning of Aluminium surfaces and profiles.

For heavy pollution a detergent based on soap can be used.

### STAINLESS STEEL SURFACES OR TUBES

Clean the surface with a soft towel and the detergent.

After this wipe it with clear water and use a soft towel to dry the surface. Small rust particles can be removed with metal cleaning paste.

To prevent rust and other pollutions the surface should be sealed after the cleaning.

### GLASS (ESG, VSG, TVG)

Glass surfaces can be easily cleaned with normal cleaner for glass.

### PLEXIGLASS, ACRYL GLASS AND OTHER PLASTICS

Do not use dry or paper towels to avoid scratches or other damages. Smaller scratches can be removed by waterproof abrasive paper with a graining of 240. For the final grinding abrasive paper with a graining of 400 or 600 should be used. Finally use normal polishing paste for the finish. The use of antistatic spray avoid the electrostatic charging of the surface.

## Cleaning of surfaces

### DIGITAL PRINTING, UV DIRECT PRINTING, UNDER ELOXAL PRINTING

These surfaces should be cleaned with water, a detergent based on soap and a soft towel. For laminated digital printings or UV direct prints normal mild domestic or glass cleaner can be used.

### FOIL LABELING, SCREEN PRINTING

Use only water with a mild domestic cleaner and a soft towel. Do not use aggressive cleaners, abrasive detergents or an abrasive sponge.

### LACQUERED OR POWDER-COATED SURFACES

The wiping of the surfaces with a soft, lint-free cloth is sufficient for the regular care. Use warm water with a mild domestic cleaner for heavy pollutions. To prevent the aging process and colour changes the surface should be sealed with polishing paste.



...the brand name meng stands for innovation.



## Service and maintenance works

We can offer you tailored service and maintenance contracts and can take over the maintenance and updating of the labeling.

Please send the completed form (page 15) to:

**Fax-No: +49 (0)67 82 - 99 41 41**

### OUR OFFER

- tailored periodicity of maintenance
- visual inspection for damages of the visible surface and substructure
- reparation of damages by our service technician
- updating / exchange of the labeling
- cleaning and care by a specialist

### YOUR ADVANTAGES

- clean and technically perfect signage for many years
- warranty extensions available on request
- cost saving (special cleaner, personnel, new signage)
- costs for maintenance and care remain manageable

## Cleaner

■ Adhesive remover to remove backlog of foil labeling from acrylic and lacquered surfaces. 100 ml Spray bottle, Item-No: ZKE 100

■ Antistatic spray to avoid the electrostatic charging of the surface. 150 ml Spray bottle, Item-No: ZKR 150

## Accessoires



CD with macros for the labeling of standard door-signs. Usable with „Word for Windows“.

Example for Item-No: ZRTS 15 EDV (Door-sign Design „Rohr+Fläche“)



Pre-cutted paper inserts for the use with ink-jet or laser printer. Different types of paper, e.g. opaque, are available.

Example for Item-No: ZSTF 18 OWL (opaque inlay for laser printer) - (Door-sign Design „System Sieben“)



Inserts with symbols, e.g. „Male Toilet“ for our standard door-signs.

Example for Item-No: ZRTS 15 TP012A (Symbol „Tea Point“ and Permanent text for a Door-sign Design „Rohr+Fläche“)

## Tooling Equipment



Allen key® with 4 mm ball head for door-sign Design „Rohr+Fläche“. Item-No: ZRTI 4



Allen key® with 2 mm ball head for Outdoor Sign Design „Rohr+Fläche“. Item-No: ZRAI 2



Allen key® with 2,5 mm ball head for door-sign Design „System Sieben“. Item-No: ZSI 2



Suction cup to remove acrylic plates of wall-mounted signs Design „Quintessenz“ : Item-No: ZQS 1 for door signs, item-No: ZQS 2 for changeable modules.



Key clip to remove single panels from wall-mounted overviews Design „Rohr+Fläche“. Item-No: ZUC 1



Assembly pliers for M6 cavity-expansion anchor to install ceiling suspended signs into a plasterboard ceiling. Item-No: ZDM 6

Fax reply form +49 (0) 67 82 - 99 41 41

or sent to the following address:

Informationstechnik Meng GmbH  
Am Bahnhof 8  
55765 Birkenfeld  
Germany

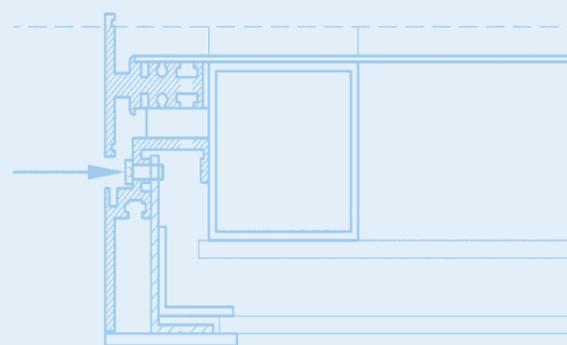
...meng is your partner on-site.



## European-wide consulting network

A Signage System is far more than a collection of signs. The company **meng** plans and designs functioning Signage and Guiding Systems. We are your support on-site due to our European-wide consulting network.

In addition to the consulting, planning, design and implementation of our Signage and Orientation Systems our service package also includes the installation, maintenance and the availability guarantee for years.



Your address

Contact

Branch

Street

Postcode

City

Contact Person

Department

Telephone

Fax

E-Mail

Arrange a non-binding appointment with one of our customer consultants.

Your telephone number:

Required date:

Signature/Stamp

Date

Thank you for the interest in our products.

Please send me further information:

- Spectrum – Product Portfolio
- Digital Signage
- Designfolder CD
- Visual and tactile 3D Lettering





## meng

Richtung weisend.



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