



Technical
Information

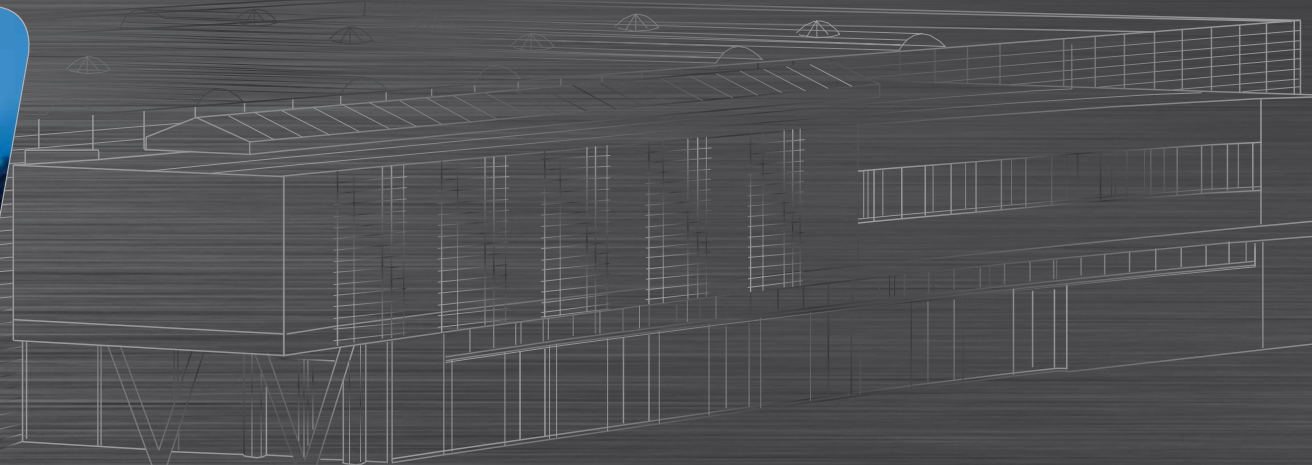


find your way



Leit- und Orientierungssysteme vermitteln einen ersten - oft entscheidenden - Eindruck und sind wichtiger Ausdruck der Kundenfreundlichkeit. Abgestimmt auf die Architektur und die spezifischen Anforderungen des Gebäudes sind sie wesentlicher Bestandteil der Corporate Identity und spiegeln - hochwertig, durchdacht, konsequent in Form und Funktion - Selbstverständnis und Identität eines Unternehmens, einer Institution oder einer Behörde wider. Erst durch viele funktionale und gestalterische Details und hohe Qualitätsstandards wird aus einem Wegweiser oder Schild ein ausgereiftes Orientierungs- und Leitsystem. Bei der Entwicklung der Orientierungs- und Leitsysteme berücksichtigt moedel konsequent die hohen Anforderungen von Planern und Kunden. In die Entwicklung und Herstellung der unterschiedlichen Systeme fließt die über 30-jährige Erfahrung in der Produktion von Siebdruckerzeugnissen ein. 90 qualifizierte Mitarbeiterinnen und Mitarbeiter erarbeiten auf 2 Werksgeländen mit insgesamt 15.000 m² nahe Amberg nach zertifizierten Fertigungsabläufen (DIN EN ISO 9001) Produkte von höchster Präzision, Perfektion und Beständigkeit.

Information and orientation systems often provide that all-important first impression while giving vital expressions of customer-friendliness at the same time. Carefully coordinated with the architecture and the specific requirements of the building they form an essential part of corporate identity, reflecting the image and identity of the company, institution or public authority. High quality, well conceived and rigorous in both form and function. It takes great attention to functional and design details, along with high quality standards, to turn a sign or guide into an optimized information and orientation system, moedel rigorously meets the high requirements of planners and customers in the development of information and orientation systems, drawing on over 30 years of experience in the production of screen print products to develop and produce a diversity of systems. A team of 90 employees work at two factory premises (together 15.000 m²) near Amberg, where certified production processes (DIN EN ISO 9001) turn out products of the highest precision, perfection and durability.



Recessed Floor Lights



	„CIRCLE 1“	„CIRCLE 2“	„SQUARE“	„FLEXI“	
	i leucht1 Swivel-mounted floor spotlight	i leucht2 Swivel-mounted floor spotlight	i leucht3 Asymmetric floor spotlight	i leucht4 Swivel-mounted floor spotlight	i spieß Floor spear for i leucht4
Illumination	Up to 2 metres high / 0.8 m wide	Up to 3 metres high / 1.5 m wide	Up to 2 metres high / 1 m wide	Up to 2.5 metres high	-
Illuminant	High volt halogen 75 W	Halogen metal halide lamp 70 W	T5 fluorescent lamp	Halogen metal halide lamp 70 W	-
Colour of light	2800K warm-white	840 neutral-white	840 neutral-white	840 neutral-white	-
Luminance in lumen	N.S.	6600	1750	7000	-
Life of illuminant	2000 hours	10000 hours	12000 hours	12000 hours	-
Light emission	Universal swivel-mounting	Universal swivel-mounting	Asymmetric	Symmetrically rotating swivel-mounting	-
Visible material	Stainless steel	Stainless steel	Stainless steel	Aluminium	-
Material of body	Plastic	Cast aluminium	Cast aluminium	Aluminium	Plastic
Format	215 mm in diameter	265 mm in diameter	120 x 1000 mm	250 mm in diameter / 380 mm high	250 mm (l)
Installation depth	225 mm	220 mm	110 mm	-	250 mm
Load capacity	2000 kg	5000 kg	Load bearing	-	-
Protection rating	IP 67	IP 66	IP 67	IP 44	-
Assembly	Including built-in casing	Including built-in casing	Including built-in casing	Using screws or floor spear	Directly into the floor

Information stand

The latest trend – the mobile Infostativ "Madrid" combines functionality with aesthetics and thus draws attention to itself.

Technical data:

The curved aluminium holder (silver) is fastened to the stand made of steel in the format 220 x 300 x 4 mm (painted in RAL 7021 black grey) at the height of 900 mm. Exchangeable modules in varying formats can be stuck on and provide space for varying information.



Information stand

Information stand		Art. No.	
height in mm			
900 mm	silver RAL 9006 / gray RAL 7021	i stativ	

Exchangeable module

Sign size		Information area	Art. No.	
height x width in mm		height x width in mm		
299,5 x 212,5	DIN A4 portrait	293 x 206	i 2504goa*	
212,5 x 299,5	DIN A4 landscape	206 x 293	i 2514goa*	
422,5 x 299,5	DIN A3 portrait	416 x 293	i 2503goa*	
299,5 x 422,5	DIN A3 landscape	293 x 416	i 2513goa*	

Brochure holders made of transparent acrylic

Brochure dispenser		Art. No.	
for DIN A4 portrait	acrylic, transparent	i 13704	

* The back panel on the exchanger modules do not have any holes. A double-sided adhesive tape for sticking in place is included (for retrofitting).

Spacers for wall-mounted systems

Moedel spacers open up a multitude of design options. With four different sizes available it is possible to adapt to material thicknesses ranging from 1 to 16 mm and spaces to the wall of 6 to 18 mm. For high quality requirements, two surface finishes are available – chrome-plated and gold finish. To ensure that they are long lasting the high quality base material is brass.



for material thickness	∅	Space to wall	Hole size	Art. No.	Art. No.		
in mm	in mm	in mm	in mm	silver / chrom	gold		
1 - 5 mm	10 mm	6 mm	7 mm	i 7451s *	i 7351g ***		
2 - 5 mm	14 mm	6 mm	9 mm		i 7352g ***		
3,5 - 5 mm	13 mm	6 mm	9 mm	i 7452s *			
2 - 10 mm	18 mm	12 mm	11 mm	i 7353s *	i 7353g ***		
4 - 16 mm	24 mm	18 mm	13 mm	i 7354s	i 7354g **		

* Spacers are only available in unit packs of 10 items. Sold only in sealed unit packs.

** While stock lasts.

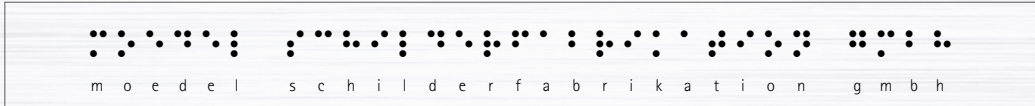
Braille lettering

Louis Braille (* 4 January 1809 in Coupvray near Paris; † 6 January 1852 in Paris), who became blind at the age of four, developed the raised dot form of reading and writing which is still known by his name today. This is based on a system of 6 dots which are arranged in two parallel vertical rows of 3 dots each, making them ideal to read. It was only 17 years after his death (1879) that Braille was officially introduced in Germany. Today it forms the basis for communication and orientation for people with sight impairments.

The German Federal Law on Equal Opportunities for and Prevention of Discrimination against People with Disabilities (BGG) is intended to eliminate and prevent discrimination against or disadvantage to persons with disabilities, to guarantee their equal opportunities within society and to guarantee their rights to an independent life (Section 1 BGG).

Section 4 BGG (Elimination of barriers) sets out the minimum conditions required for changes to all public areas of life in order to meet the requirements for equal opportunities for persons with disabilities in respect of access and use.

Information or leading signage naturally plays an important role. Therefore almost all paper flexible wall plates from our product range are available with embossed or tactile cover. If for technical reasons a cover cannot be embossed, then an aluminium or stainless steel strip is a perfectly aesthetic solution (upon inquiry).



You need to send us the text you require in punched dots, in black lettering, plus the desired position on the cover. Given that Braille is not international, you need to tell us which country it is to be used in. Unless you specify otherwise we shall supply the text in the version used for Germany as standard.



Door Signs and Directories with punched raised-dot lettering (Braille)

System	for sign	Page	Information area	Art. No.	
			width in mm		
Orlando	i 1000	18	100	i 1000braille	
	i 1148 / i 1105	18	140	i 1000braille	
Oslo	i 2601 / i 2600 / i 2605	32	144	i 2600braille	
	i 2615 / i 2604	32 / 33	206	i 2600braille	
	i 2614 / i 2603	33	293	i 2600braille	
Sydney	i 9600	44	134	i 9600braille	
	i 9604	44	200	i 9600braille	
	i 9624 / i 9603	44	287	i 9600braille	
Frankfurt	i 2115	49	108,5	i 2100braille	
	i 2148 / i 2105	49	143	i 2100braille	
	i 2104	49	201,5	i 2100braille	
	i 2114 / i 2503	49	289,5	i 2100braille	
Madrid	i 2506	58	99	i 2500braille	
	i 2501 / i 2500	58	144	i 2500braille	
	i 2505 / i 2516				
	i 2515 / i 2504	58 / 59	206	i 2500braille	
	i 2514 / i 2503	59	293	i 2500braille	

Adhesive strips with punched raised-dot lettering (Braille)

Punched on transparent adhesive strips; height of the adhesive strip approx. 15 mm; tactile height 0.8 mm. Please specify the required length with your order. Minimum order: 10 adhesive strips.

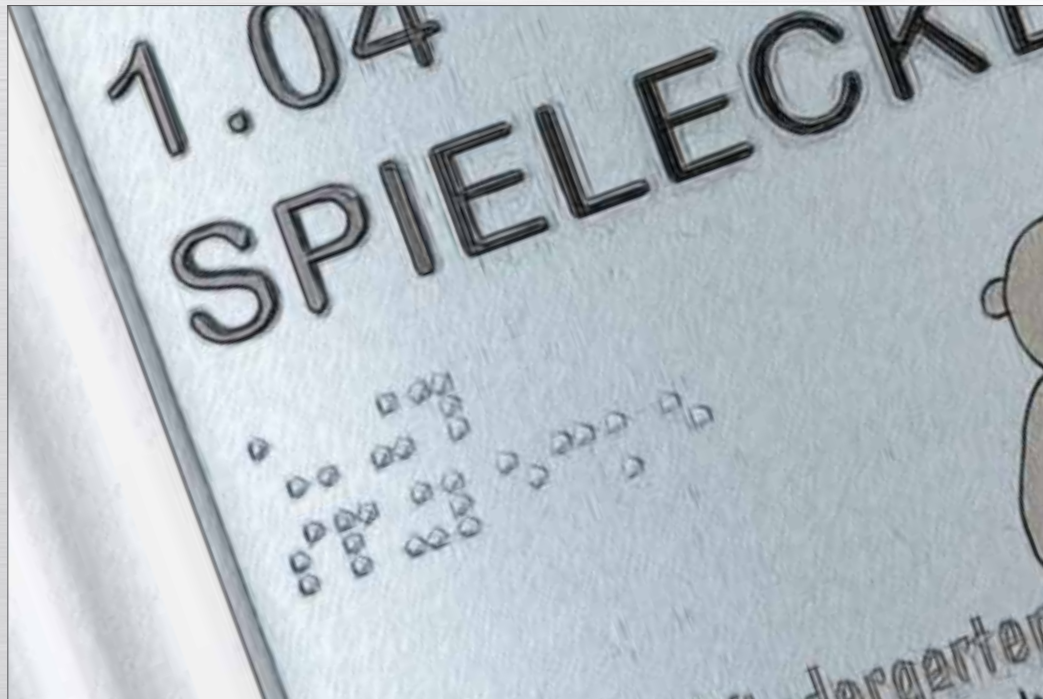
for sign	Length in mm	Art. No.	
DIN A6 portait	105	i klbraille	
DIN A5 portait	150	i klbraille	
DIN A4 portait	210	i klbraille	
DIN A3 portait	297	i klbraille	

Tactile Characters / Letters / Pictograms

Door Signs and Directories with tactile room numbers and/or letters;
tactile height: 0.8 mm; black characters as standard, other colors on request.
Character height 14 - 20 mm (dependent on length of run / specify in order).

System		Art. No.	
Orlando	Sign information for 1 to 3 characters	i 1000zi	
Rio	Sign information for 1 to 3 characters	i 9200zi	
Oslo	Sign information for 1 to 3 characters	i 2600zi	
Sydney	Sign information for 1 to 3 characters	i 9600zi	
Frankfurt	Sign information for 1 to 3 characters	i 2100zi	
Madrid	Sign information for 1 to 3 characters	i 2500zi	
	Sign information from fourth character plus per additional letter/digit/character		

Tactile pictograms upon request.

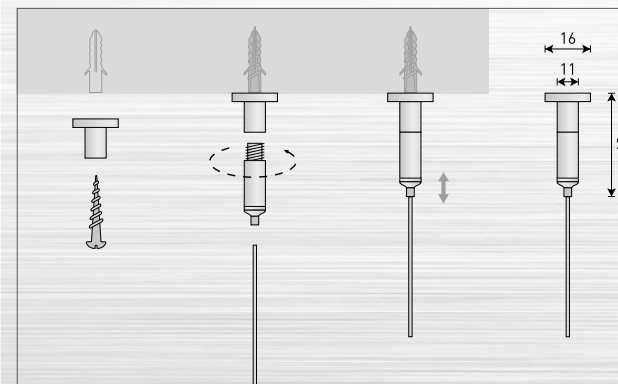


Automatic ceiling systems

For fastening signs with ropes - with stepless adjustment.



Fastening material for ceiling suspension		Art. No.	
Reel of steel cord (Ø 1.5 mm)	10 m	i 7940-10	
	30 m	i 7940-30	
	50 m	i 7940-50	
Automatic unit (instead of hooks)		i 7732	



* Assembly material for wall mounting (screws and dowels) not included in delivery.

Load capacity: 25 kg per automatic unit.
Please ensure that the screws* and dowels* are large enough.

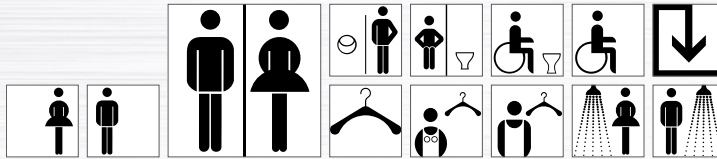
Installation:

1. Insert dowels* and install the ceiling fasteners.
2. Screw the cord fastener to the ceiling fastener.
3. Insert the steel cord in the cord fastener. Press the cord channel in to adjust the cord.

Pictograms as sign information inlays

A pictogram (from the Latin *pictum*, meaning drawn, picture; Greek *gráphein*, meaning write) is a stand-alone symbol which conveys its message by means of simplified graphic representation. Our pictograms from Otl Aicher unify simplified graphic images and internationally recognized, high-quality design in one.

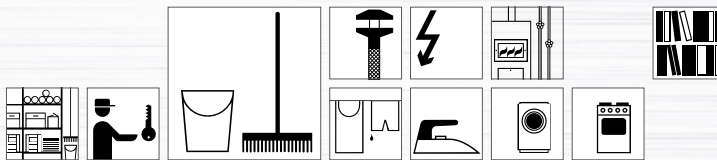
Sanitary facilities



Direction signs



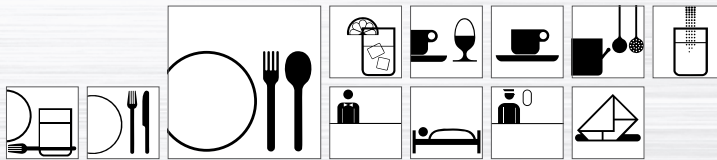
Utility rooms



Usable rooms



Restaurants and hotels



Medical



Prohibitions



Description	Art. No.
Sanitary facilities	
WC Ladies	i 004
WC Gentlemen	i 005
WC general	i 006
Urinal	i 002
Lavatory pan	i 003
WC Disabled	i 083
Severely disabled	i 076
Waste	i 001
Cloakroom	i 210
Ladies changing room	i 664
Men's changing room	i 662
Ladies shower	i 081
Men's shower	i 082
Direction signs	
Arrow pointing down	i 025
Arrow pointing up	i 026
Arrow pointing left	i 027
Arrow pointing right	i 028
EXIT	i 017
Exit	i 094
Entrance	i 095
Muster station	i 016
Stairway down	i 097
Stairway up	i 098
Escalator down	i 099
Escalator up	i 100
Elevator	i 093

Description	Art. No.
Utility rooms	
Storage area	i 046
Caretaker	i 586
Cleaning equipment	i 045
Repairs	i 139
Caution electricity	i 018
Technical facilities	i 291
Library	i 223
Drying area	i 220
Ironing facilities	i 221
Clothes washing facilities	i 225
Kitchen	i 226

Description	Art. No.
Usable rooms	
Waiting room	i 163
Television room	i 218
Reading room	i 219
Club meeting room	i 224
Sleeping area	i 541
Parents room	i 540
Hairdressers	i 022
Photographic industry	i 279
Assembly hall	i 563
Meeting room	i 580
Conference room	i 581
Conference information	i 584
Copying facilities	i 587

Description	Art. No.
Prohibitions	
No smoking	i 019
Do not touch	i 020
No photography	i 030
No animals	i 090
No children	i 091
No access	i 092

Description	Art. No.
Restaurants and hotels	
Buffet	i 194
Restaurant	i 195
Dining area	i 542
Bar	i 191
Breakfast	i 192
Café	i 193
Kitchen	i 196
Drinking water	i 023
Reception	i 214
Hotel	i 215
Porter	i 446
Letterbox	i 516

Description	Art. No.
Medical	
First aid	i 069
First-aid attendant	i 067
Red Cross	i 070
Baby unit	i 469
Physiotherapy	i 481
Pharmacy	i 068
Hospital	i 074
Medicinal baths	i 075
Reception	i 465
Doctor	i 464
Nurse	i 463
Operating theater	i 467
Outpatients clinic	i 462
Eye clinic	i 461
X-ray department	i 466
Maternity care	i 470
Ears, nose and throat	i 471
Lung diseases	i 475
Urology	i 476
ECG	i 477
Neurology	i 483

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Other pictograms available on request.

Please specify the article number of the pictogram with the article number of the sign to which it is to be applied.

Pictograms for other signs

		Format Ø	Art. No.		
		in mm			
Door marking in acrylic, material thickness 3 mm, self-adhesive					
	DRÜCKEN	50	i 7007		
	ZIEHEN	50	i 7008		
Door marking in brushed stainless steel, material thickness 0.8 mm, self-adhesive					
	DRÜCKEN	50	i 7009		
	ZIEHEN	50	i 7010		
	PUSH	50	i 7013		
	PULL	50	i 7014		
	WC general	50	i 7018		
	WC Ladies	50	i 7020		
	WC Gentleman	50	i 7021		
	WC Disabled	50	i 7019		

		Format Ø	Art. No.		
		in mm			
Door marking in brushed stainless steel, material thickness 0.8 mm, self-adhesive					
	Parents room	50	i 7022		
	No smoking	50	i 7017		
	Smoking area	50	i 7024		

		Version	Art. No.		
	WC Gentleman	Acrylic	i 7001 F15		
		Stainless steel	i 7002		
	WC Ladies	Acrylic	i 7003 F15		
		Stainless steel	i 7004		
	WC Disability	Acrylic	i 7005 F15		
		Stainless steel	i 7006		

Acrylic: Material thickness 3 mm, symbol height 150 mm, light-gray F15, self-adhesive (w/o illustration).

Brushed stainless steel: Material thickness 1.5 mm, symbol height 150 mm, self-adhesive.

Foundation Specification

The static calculations for the dimensions of the foundations were prepared on the basis of DIN 1045-1 and DIN 1055-4. During the calculations, 3 foundation sizes were selected for observation, which can be used in connection with the positioned dimensions.

These are only recommendations. The calculations are only binding for the WLZ II inland wind load zone. For zones with stronger design winds, separate verification is required or the foundation dimensions must be generously increased. The floor should have a minimum load bearing capacity of 150 kN/m².

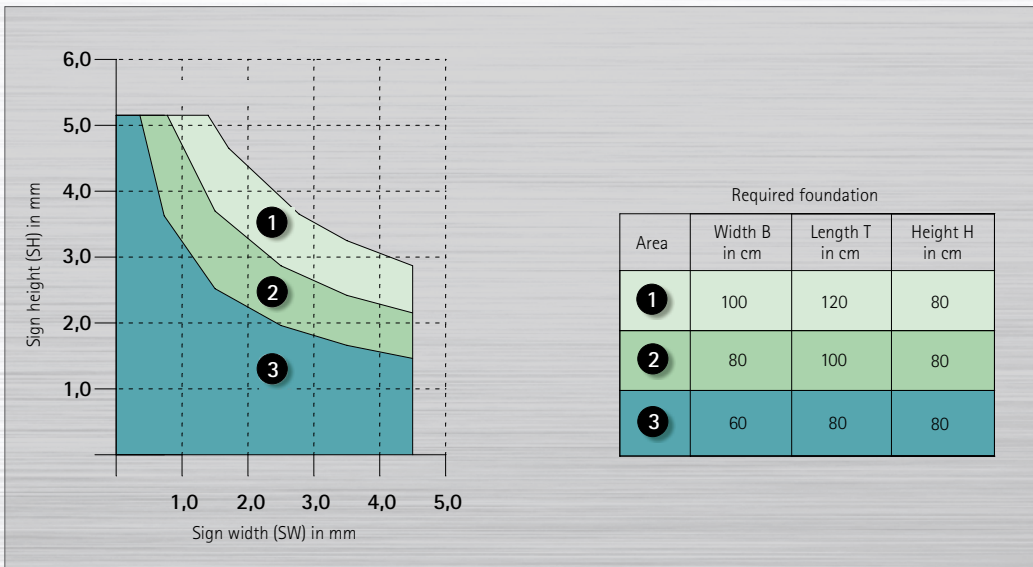
Information about Creating Foundations

To reduce the concrete mass, two individual foundations should be selected as foundation components. The foundations must have a minimum concrete strength category of C20/25, XC2 in accordance with DIN 1045-1 and be reinforced with Q 188-A concrete reinforcement. If the foundation edge is above the ground, the degree of reinforcement should be appropriately increased to avoid excessive shrinkage cracks (e.g. 0335-A).

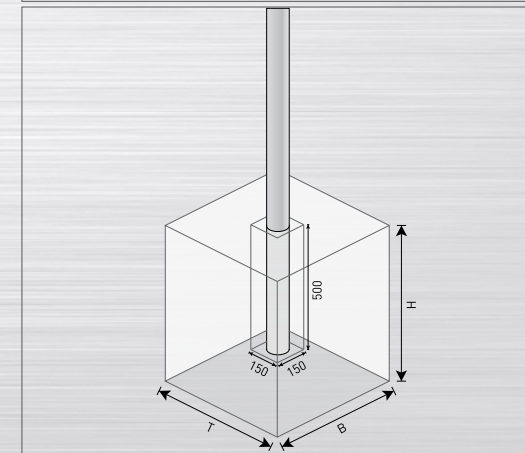
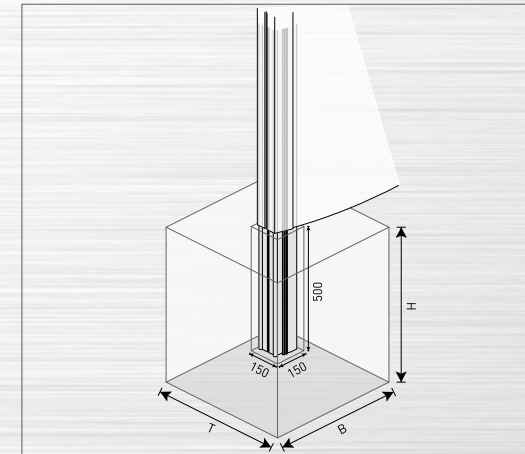
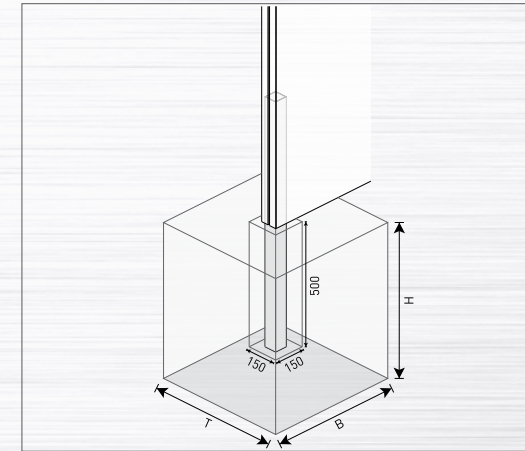
The foundation base must be routed to a frost-free depth, i.e. at least 80 cm beneath the top ground surface. In regions with deeper frost actions, the foundations should either be established deeper by adapting the height of the foundation or by inserting a lean concrete layer beneath the foundations.

The tubular with dimensions height x width x depth (h x w x d)= 500 x 150 x 150 mm* must be encased with a C20/25 concrete (largest grain 8 mm) after adjusting the positioned.

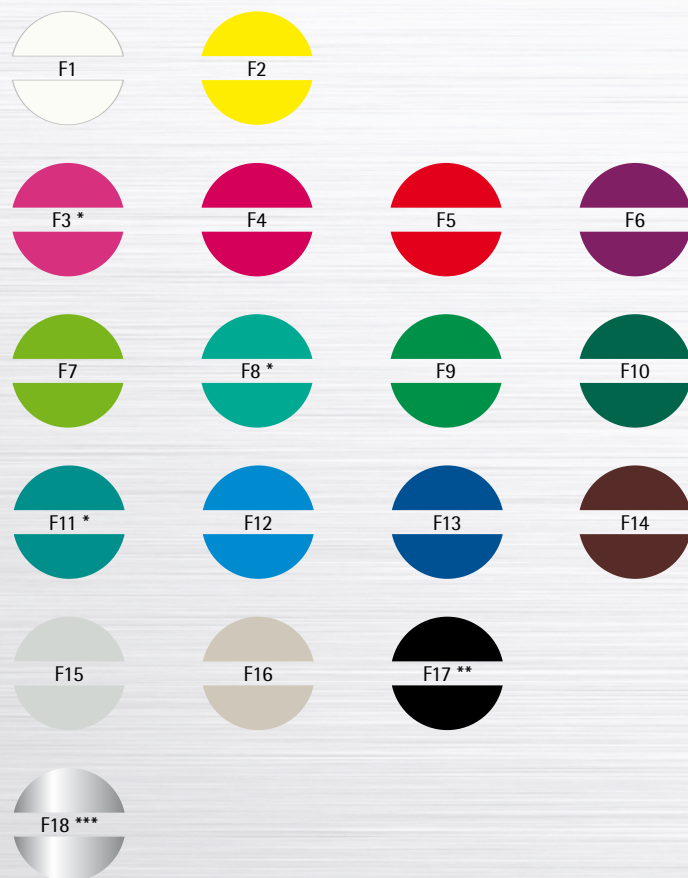
The positioners must not be assembled before the concrete early strength (5-day strength).



* Please be aware that Berlin Entrée posts with a diameter of 150 & 200 mm require a larger tubular. We recommend (h x w x d) 500 x 200 x 150 mm or 500 x 250 x 150 mm.



Color chart



Variations in color resulting from the printing process or production process (plastic injection-molding, painting on different materials, screen printing, etc.), shall not be accepted as a reason for complaint.



* Not available for Mini color foils.

** Only available for Quattro and Maxway edge rails, while stock lasts.

*** Silver-anodized or painted silver.

Data imports

Screen printing, Signa 2000 and Gerber Edge

We require vector data which you can supply to us in any of the following file formats/programs:

- Macromedia Freehand up to Version 11 (MX) (*.fh11)
- Adobe Illustrator 14 (CS4) (*.ai)
- CorelDraw Dateien up to Version 14 (X4) (*.cdr, *.cmx)
- Open PDF-Dateien (containing only vector data) (*.pdf)
- EPS-files (containing only vector data) (*.eps)

All fonts used must be converted to paths/vector paths in all cases ("Convert to curves" or "Convert to path/vector path" commands) or the font box has to be included. Design templates created with QuarkXPress cannot be processed.

Digital printing

We require image or vector data which you can supply to us in any of the following file formats/programs:

- Macromedia Freehand up to Version 11 (MX) (*.fh11)
- Adobe Illustrator up to Version 14 (CS4) (*.ai)
- CorelDraw files up to Version 14 (X4) (*.cdr, *.cmx)
- Adobe Photoshop up to Version 11 (CS4) (*.psd)
- Corel PHOTO-Paint up to Version 14 (X4) (*.cpt)
- QuarkXPress up to Version 6.5 (*.qxd, *.qxp)
Include the original image data and font box.
- Adobe InDesign up to Version 6 (CS4) (*.indd)
Include the original image data and font box or convert the characters to paths in InDesign.
- Open PDF files (*.pdf)
Fonts used must be embedded or converted to paths before the creation of the PDF.
- EPS files (*.eps)
- TIFF files (*.tif)
- JPEG files (*.jpg)
- All other program-independent files on request

Imagefiles

Image files must be created in CMYK mode with an image resolution of at least 72 dpi in the original size. The required file size for a non-compressed TIFF file for a printed image of 1 x 1 m with an image resolution of 72 dpi is approx. 25 MB.

File formats which cannot generally be used:

- Word documents (*.doc)
- PowerPoint presentationen (*.ppt, *.pps, *.pot, *.html)
- Excel files (*.xls)

General information:

Minor color tolerances for technical reasons are permitted and must be accepted by the customer. Digital printing uses the colors cyan, magenta, yellow and black. A perfect reproduction of the colors in your original copy (HKS, pantone, etc.) cannot, therefore, be guaranteed. Deviations in color and slight stripe effects caused by printing cannot be precluded and shall not be accepted as cause for complaint.

When a data carrier is sent to us together with the original copy, only the data contained on the data carrier is binding for us.



Schilderfabrikation Moedel GmbH

➔ Warnen-Sichern-Kennzeichen

➔ Digitaldruck - Siebdruck

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