



emco carpet mats

Clean – Custom options – Premium Quality

Designing clean entrances

EMCO

The right entrance

As the European leader in the entrance matting systems market, we aim to ensure that building interiors provide hygienic, safe environments – and our washable carpet mats are our solution to this. To create them, we combine decades of experience, innovative production processes and superior design standards. And the result? High-quality carpet mats that not only offer winning functional features, but also provide an attention-grabbing advertising medium. Our carpet mats are manufactured exclusively in Germany.

To ensure that your entrance is always right, we offer different product lines for our carpet mats:

- emco IMAGE prepares the ground for your ideas – from the company logo to a picture.
- The innovative production technology used for the emco IMAGE STYLE allows the carpet mat to be cut to virtually any desired shape.
- With emco IMAGE OUTDOOR, the good impression begins even before you reach the door.
- emco CLASSIC, meanwhile, provides a more standardised alternative that is ideal for rental purposes.





Märchenwald
Hotel - Restaurant



Perfectly positioned

Thanks to their high quality and the wide variety of options they offer, our carpet mats can be positioned anywhere in a building. Of course, it makes particular sense to place them in areas that high volumes of people are likely to spend time in or pass through – such as entrance areas, waiting areas, circulation areas like corridors and stairways, as well as inside and in front of lifts. Their ability to considerably reduce the risk of slippage caused by moisture ensures the areas stay clean and safe. As they are washable, they also offer a long and reliable service life.

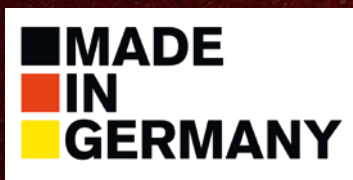
If a carpet mat is intended to provide both a cleaning function and a representative image, then it is worth placing it in a prominent position in the room.



Quality does not appear out of nowhere

Creating the perfect product requires a combination of experience, high-quality materials and precision.

Both the pile fibre material and the nitrile rubber used for the backing have been specially chosen for our products and are the best materials for the job. The production process – consisting of several production steps that are designed to enhance quality and performed on state-of-the-art machines – combines the fibre material and nitrile rubber to create a consistently high-quality carpet mat that maintains the same excellent standards even when subjected to heavy usage and frequent cleaning intervals.







emco IMAGE

Get your message across

If you want a carpet mat that provides information and advertising space in addition to being a cleaning system, then emco IMAGE is just what you are looking for.

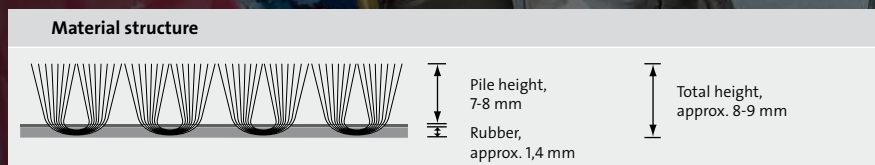
Each mat can be printed with up to 32 bright colours, chosen from a total of 45 standard colours. Not only that, but special colours conforming to systems such as PMS, RAL and HKS can also be used. Thanks to the superior printing quality, it is possible to create detailed drawings, text and design elements as well as effects such as outlines, shadows and colour gradients. You can have a carpet mat in colours that match your corporate identity, or displaying a graphic design or an individual company logo. And with the option to produce patterned areas or single images of up to 2 m wide, the emco IMAGE carpet mat gives you virtually unlimited freedom to create the design you want.



emco IMAGE

| Technical data | |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Pile material | High twist nylon (100% polyamide 6.6), effective pile weight 900 g/m ² |
| Pile height | Approx. 7-8 mm |
| Backing material | Nitrile rubber coating, thickness approx. 1,4 mm plus border reinforcement |
| Total height of mat | Approx. 8-9 mm |
| Total weight | 2.600 g/m ² |
| Border width | Approx. 20 mm |
| Printing method | Chromojet printing method |
| Colours | Max. 32 of 45 |
| Water absorption | Approx. 3 to 4 litres per m ² |
| Washing temperature | Max. 60 °C |
| Fastness to washing | Colourfast in acc. with DIN 54006 |
| Electrostatic behaviour | Very low electrostatic discharge, volume resistance 2.2 x 10 ¹¹ ohms, in acc. with DIN 54345 |
| Oil resistance (nitrile rubber backing) | Very good |
| Fire resistance (on request, subject to additional charge) | Acc. to C _n - s ¹ (in acc. with EN 13501), flame resistant |
| Customer specific border label | On request |
| Backing material | Smooth or dimpled |
| Dimensional tolerance | +/- 3% |

| Standard dimensions in cm | | | | |
|-------------------------------------------------|-----------|-----------|-----------|-----------|
| 85 x 75 | 100 x 200 | 115 x 180 | 150 x 200 | 200 x 200 |
| 85 x 120 | | 115 x 200 | 150 x 250 | 200 x 300 |
| 85 x 150 | | 115 x 240 | | 200 x 400 |
| Special dimensions possible, up to 200 x 500 cm | | | | |



Colours (for further information s. p. 26)



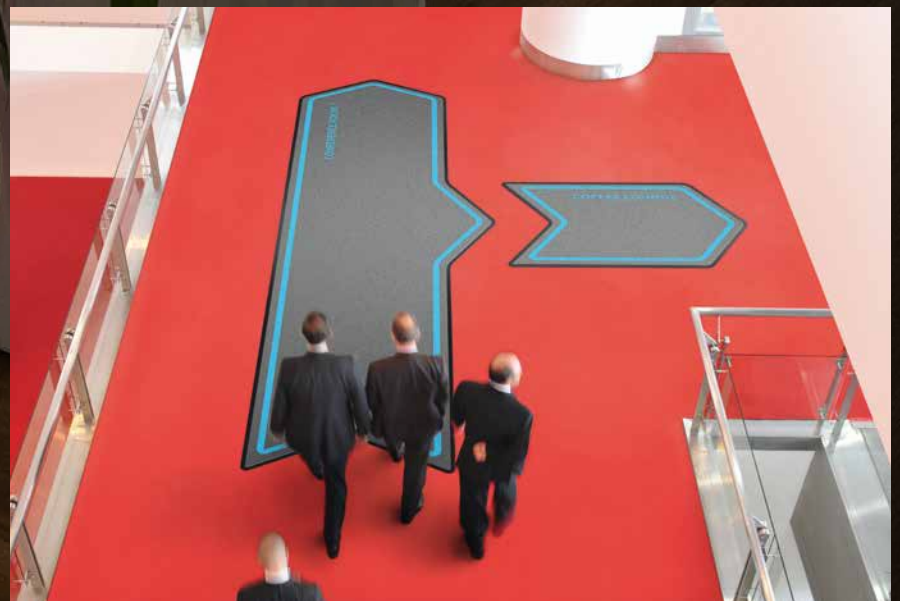
emco IMAGE STYLE

Logo – A real eye-catcher

The emco IMAGE STYLE special shape mat combines the brightness and variety of colour of emco IMAGE with the ability to create virtually any shape of your choosing. Thanks to the very latest technology, mats can now also be cut in special shapes (to represent products or company logos, for example). Thanks to this ability to support custom designs, emco IMAGE STYLE mats exude quality and functionality, as well as grabbing the attention as a promotional medium. Complex special formats to complement structural design can also be achieved.

Guiding and enticing

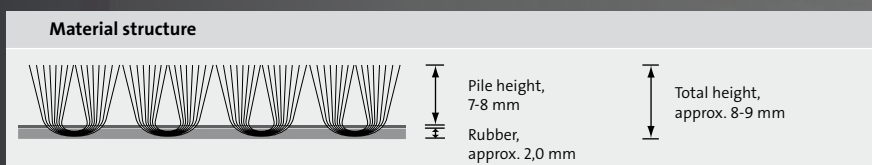
With their truly individual eye catching style, the emco IMAGE STYLE special shape mats turn floors into a promotional medium. They are ideal for both long-term campaigns and one-off promotions and seasonal marketing – they are flexible in application as they can be moved to wherever they are needed the most. The custom design mats function as guidance systems, as their design, format and size can be adapted to meet prevailing building requirements with ease, taking visitors and customers where you want them to go.



emco IMAGE STYLE

| Technical data | |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Pile material | High twist nylon (100% polyamide 6.6), effective pile weight 900g/m ² |
| Pile height | Approx. 7-8 mm |
| Backing material | Nitrile rubber coating, thickness approx. 2 mm |
| Total height of mat | Approx. 8-9 mm |
| Total weight | 2.600 g/m ² |
| Border width | Approx. 20 mm |
| Printing method | Chromojet printing method |
| Colours | Max. 32 of 45 |
| Water absorption | Approx. 3 to 4 litres per m ² |
| Washing temperature | Max. 60 °C |
| Fastness to washing | Colourfast in acc. with DIN 54006 |
| Electrostatic behaviour | Very low electrostatic discharge, volume resistance 2.2 x 10 ¹¹ ohms, in acc. with DIN 54345 |
| Oil resistance (nitrile rubber backing) | Very good |
| Fire resistance (on request, subject to additional charge) | Acc. to C _{fl} - s ¹ (in acc. with EN 13501), flame resistant |
| Customer specific border label | On request |
| Backing material | Smooth or dimpled |
| Dimensional tolerance | +/- 3% |

| Standard dimensions in cm | | | | |
|-------------------------------------------------|-----------|-----------|-----------|-----------|
| 85 x 75 | 100 x 200 | 115 x 180 | 150 x 200 | 200 x 200 |
| 85 x 120 | | 115 x 200 | 150 x 250 | 200 x 300 |
| 85 x 150 | | 115 x 240 | | 200 x 400 |
| Special dimensions possible, up to 200 x 500 cm | | | | |



Colours (for further information s. p. 26)







emco IMAGE OUTDOOR

Impresses visitors

Weatherproof and custom printed, emco IMAGE OUTDOOR gives customers a clear message before they even enter the building.

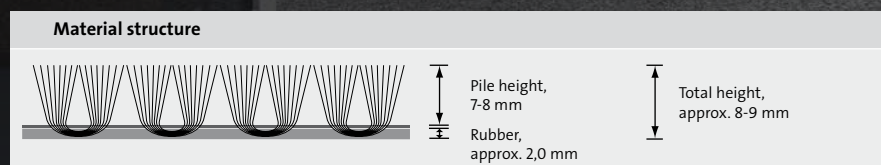
Its brush effect ensures a polished appearance indoors, too. The materials and workmanship are specifically tailored for use in outdoor areas, ensuring that water and UV light do not dim the message. Damp and moisture are channelled through drainage holes directly towards the ground, where they can run off freely thanks to the dimpling on the backing. The weatherproof and water-repellent pile material further encourages this process. Logos, claims, customised text or bespoke motifs stay lastingly attractive. And what happens if the mat gets really dirty? It can simply be washed.



emco IMAGE OUTDOOR

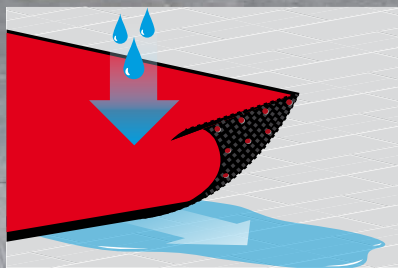
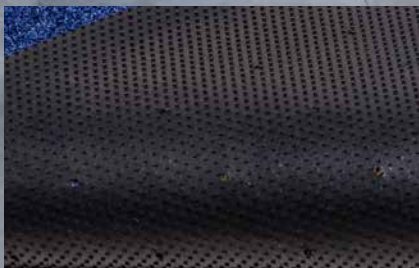
| Technical data | |
|--------------------------------|-----------------------------------------------------------------------------------|
| Pile material | High twist nylon (100% polyamide 6.6), effective pile weight 1.000/m ² |
| Pile height | Approx. 7-8 mm |
| Backing material | Nitrile rubber coating, thickness approx. 2 mm |
| Total height of mat | Approx. 8-9 mm |
| Total weight | 3.200 g/m ² |
| Border width | Approx. 20 mm |
| Printing method | Chromojet printing method |
| Colours | Max. 17 |
| Washing temperature | Max. 40 °C |
| Fastness to washing | Colourfast in acc. with DIN EN20105-C01 |
| Lightfastness | Good to very good lightfastness |
| Customer specific border label | On request |
| Backing material | Dimples over the entire surface, with holes to drain off the water |
| Dimensional tolerance | +/- 5% |

| Standard dimensions in cm | | |
|-------------------------------|-----------|-----------|
| 50 x 75 | 85 x 150 | 150 x 200 |
| 60 x 90 | 115 x 200 | 200 x 300 |
| 85 x 75 | 130 x 200 | 200 x 400 |
| Special dimensions on request | | |

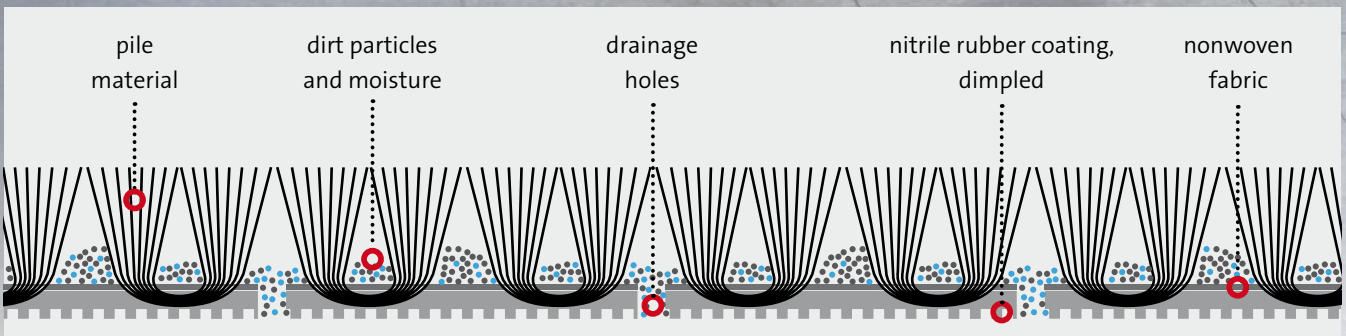


Colours (for further information s. p. 26)





The fine holes in the backing material prevent water collecting in the mat, so that it remains effective even in the rain.



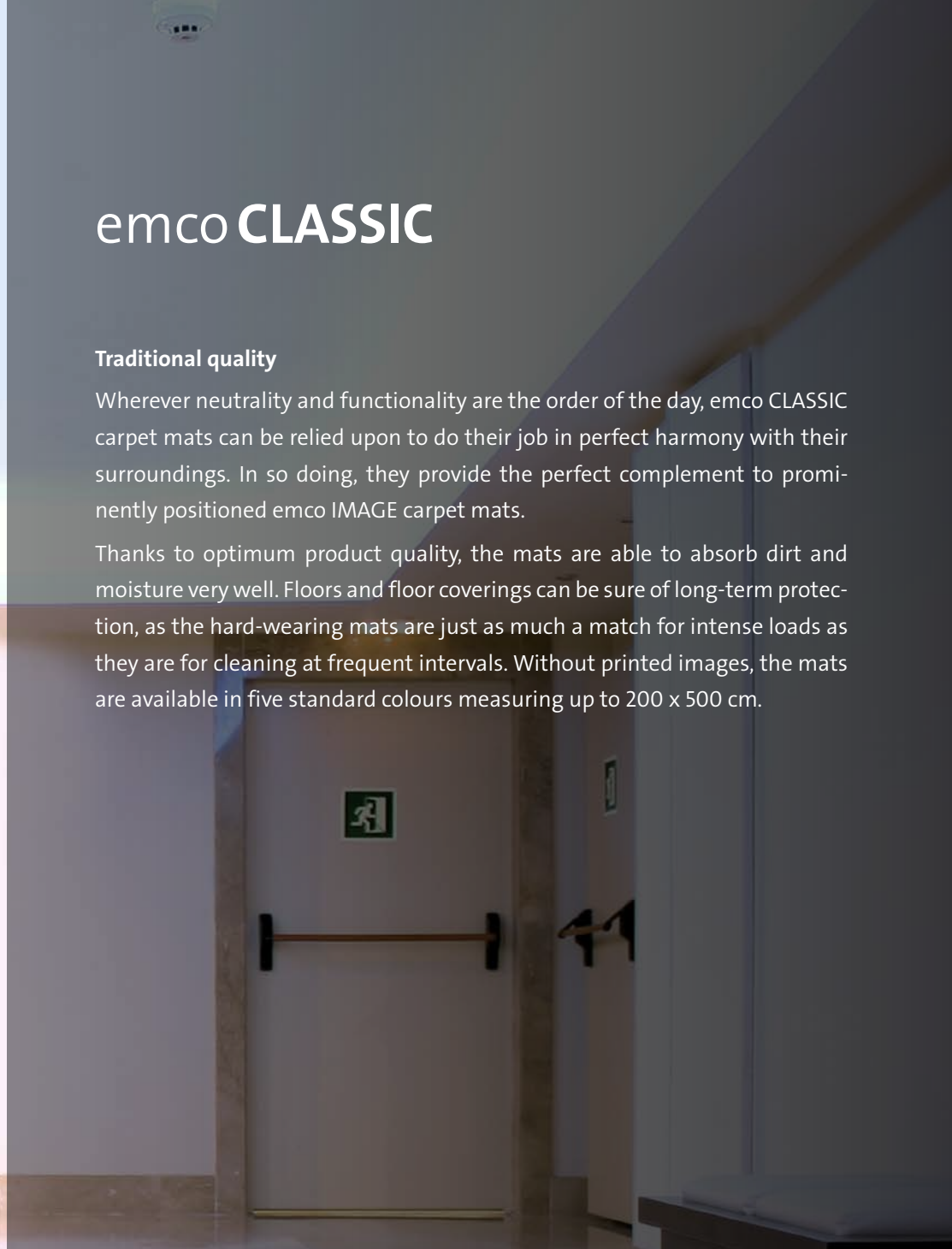
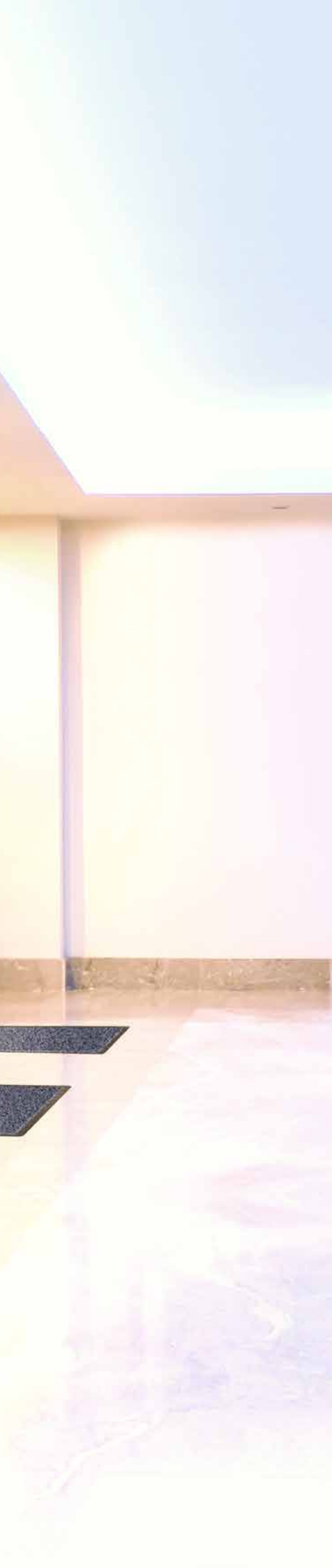


emco CLASSIC

Traditional quality

Wherever neutrality and functionality are the order of the day, emco CLASSIC carpet mats can be relied upon to do their job in perfect harmony with their surroundings. In so doing, they provide the perfect complement to prominently positioned emco IMAGE carpet mats.

Thanks to optimum product quality, the mats are able to absorb dirt and moisture very well. Floors and floor coverings can be sure of long-term protection, as the hard-wearing mats are just as much a match for intense loads as they are for cleaning at frequent intervals. Without printed images, the mats are available in five standard colours measuring up to 200 x 500 cm.

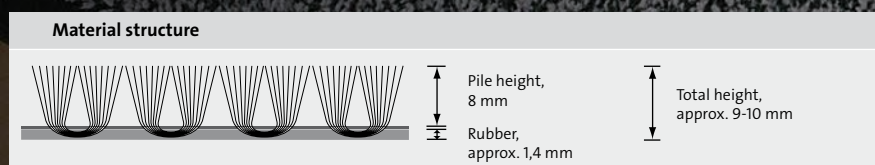


emco CLASSIC

| Technical data | |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Pile material | High twist nylon (100% polyamide 6), effective pile weight 650 g/m ² |
| Pile height | Approx. 8 mm |
| Backing material | Nitrile rubber coating, thickness approx. 1,4 mm plus border reinforcement |
| Total height of mat | Approx. 10 mm |
| Total weight | 2.500 g/m ² |
| Border width | Approx. 20 mm |
| Colours | 5 |
| Water absorption | Approx. 3 to 4 litres per m ² |
| Washing temperature | Max. 80 °C |
| Electrostatic behaviour | Very low electrostatic discharge, volume resistance 2.2 x 10 ¹¹ ohms, in acc. with DIN 54345 |
| Oil resistance (nitrile rubber backing) | Very good |
| Fire resistance (on request, subject to additional charge) | Acc. to C _{fi} - s ¹ (in acc. with EN 13501), flame resistant |
| Customer specific border label | On request |
| Backing material | Smooth or dimpled |
| Dimensional tolerance | +/- 3% |

| Standard dimensions in cm | | | | |
|---------------------------|-----------|-----------|-----------|-----------|
| 85 x 75 | 100 x 200 | 115 x 180 | 150 x 200 | 200 x 200 |
| 85 x 120 | | 115 x 200 | 150 x 250 | 200 x 300 |
| 85 x 150 | | 115 x 240 | | 200 x 400 |

Special dimensions possible, up to 200 x 500 cm



Colours



C 10
Grey



C 20
Rock



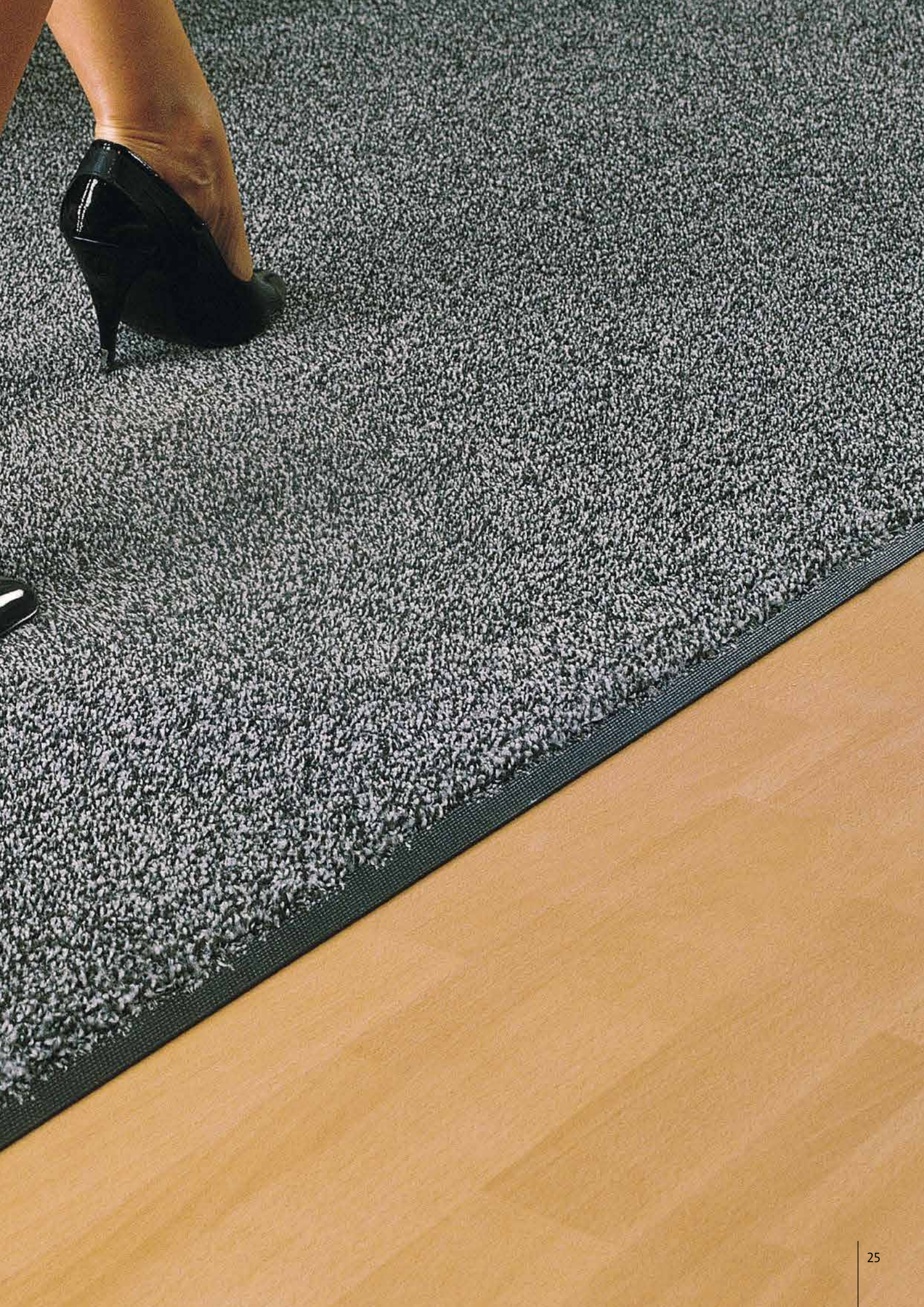
C 30
Graphite



C 50
Dark Blue



C 60
Dark Brown



Colours

We provide clearly defined standard Pantone colours and no mixed colours, meaning that our colours provide outstanding luminance. You can choose from 45 standard colours (see below) and have up to 32 different colours printed per mat. Special colours in accordance with PMS, RAL, HKS, etc. can also be printed.

Colour retention

Colour bleeding is minimised by an additive – the anti-soiling characteristics of the fibres are improved considerably.

Colour fastness

Our colours are washable, fast to water, friction-resistant and non-fading – in accordance with DIN ISO 105.

Chromojet

One of our most recent investments is a second Chromojet printing system, which applies the selected motifs permanently to the undyed, tufted mat material and can work with 32 colours simultaneously, using 48 state-of-the-art nozzles per colour and a resolution of 25 dpi. This second printing system has enabled us to achieve a capacity increase of around 200%.



Colours emco IMAGE and emco IMAGE STYLE

| | | | | | | | | |
|-------------------|-------------------|----------------------|---------------|--------------------|--------------------|--------------------|---------------------|--------------------|
| | | | | | | | | |
| Lemon I10 | Yellow I20 | Yellow-orange I30 | Orange I40 | Terracotta I50 | Red I60 | Oxide red I70 | Bordeaux I80 | Bright red I90 |
| | | | | | | | | |
| Cherry I100 | Purple I110 | Lilac I120 | Grape I130 | Magenta I140 | Peach I150 | Royalblue I160 | Light blue I170 | Petrol I180 |
| | | | | | | | | |
| Emerald I190 | Navy I200 | Dark green I210 | Mint I220 | Leaf green I230 | Reed green I240 | Green I250 | Brown I260 | Graphite I270 |
| | | | | | | | | |
| Steelblue I280 | Pale blue I290 | Silver I300 | Fawn I310 | Sand I320 | Chestnut I330 | Grey beige I340 | Blue grey I350 | Light grey I360 |
| | | | | | | | | |
| Grey I370 | Dark grey I380 | Black I390 | White I400 | Steel grey I410 | Gold I420 | Salmon I430 | Light green I440 | Sunset I450 |

Colours emco IMAGE OUTDOOR

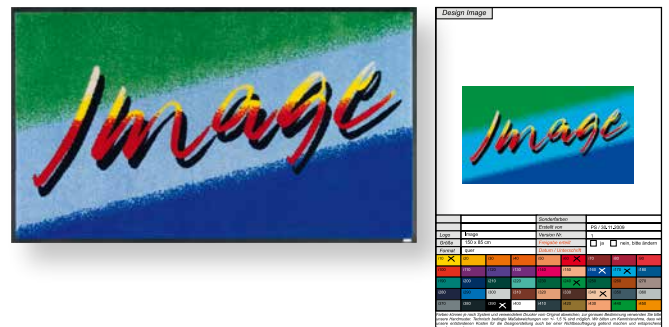
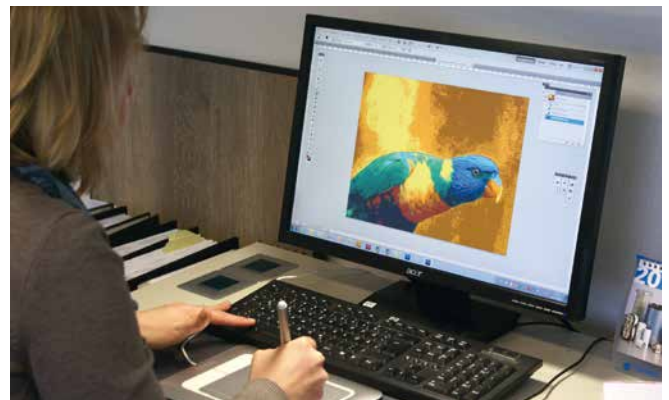
| | | | | | | | | |
|-----------------------|----------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------|-----------------|
| | | | | | | | | |
| Bordeaux OD 9010 | Red OD 9011 | Dark brown OD 9030 | Sand OD 9031 | Natural OD 9032 | Orange OD 9050 | Yellow OD 9051 | Black OD 9060 | Grey OD 9061 |
| | | | | | | | | |
| Light grey OD 9062 | Dark blue OD 9070 | Indigo blue OD 9071 | Moss green OD 9080 | Light green OD 9081 | Grass green OD 9082 | Petrol blue OD 9083 | White OD 9063 | |

In-house designers

Individual design requirements can be made a reality directly on our premises thanks to our in-house designers. We will provide you with the necessary expert knowledge - all from a single source. Adaptations and special requests can be implemented at any time, without complicated communication routes.

Simply send us your desired motif or logo as an email file attachment. Mat logos are produced on a PC using Corel Draw and Photoshop software. This is compatible with the file formats cdr, eps, ai and pdf, as well as the image formats jpg, gif, tif and psd; you should ensure that the templates have an image resolution (dpi) between 150 – 200 dpi.

Once we have received your logo template, we will e-mail you a preliminary design in a PDF file. A brief confirmation of our proposed design via e-mail or fax is all we need from you, then we will pass the order on to our production department. You will usually receive your logo mat 11 to 15 days after approving our design.



Special shapes

emco's machine pool now includes a cutting plotter that has been specially developed for cutting the carpet mats into individual shapes. The systems are designed to define each product in accordance with its specific properties (such as colour or design) and transfer this into a detailed cutting template via an appropriate scanning procedure. Thanks to our innovative production technology, alongside the standard geometries with which you will no doubt be familiar, mats can now also be cut into special shapes of any kind (to represent products or company logos, for example).



emco logo mat designer

Offer your customers more! You can now use the emco logo mat designer yourself to design customized logo mats for your customers in just a few steps: a large variety of designs, faster implementation.



Labels and positioning

All emco carpet mats feature a label stating the date of manufacture and an emco border label as standard (Fig. 1). emco IMAGE mats also bear two white ID labels (Fig. 2) as standard; these are available on CLASSIC mats on request.

Additional labels can also be provided on emco carpet mats if requested by the customer. These labels may contain company information (logo, telephone number, website address, etc.), inventory data or washing instructions (Fig. 4). (Minimum order quantity 250 units, subject to additional charge.)

emco also offers blank labels (Fig. 1), on which the customer can write whatever they like using a waterproof pen (inventory numbers, sizes, etc.). The labels can be placed in various positions: as a rear label on the mat backing (e.g. Fig. 3, 4, 8) or as a border label on the front of the mat (e.g. Fig. 5 to 7). The labels are permanently attached to the carpet mat's substrate material (e.g. Fig. 2).



▲ Abb. 1



▲ Fig. 2



▲ Fig. 3

Examples of individual carpet mat labels:
Fig. 5 – 7: Border label
Fig. 3 and 8: Rear label with company inscription
Fig. 4: Rear label with washing instructions
(All labels shown smaller than actual size)



▲ Fig. 4

▼ Fig. 5



▲ Fig. 6

BIM 036922/237-0

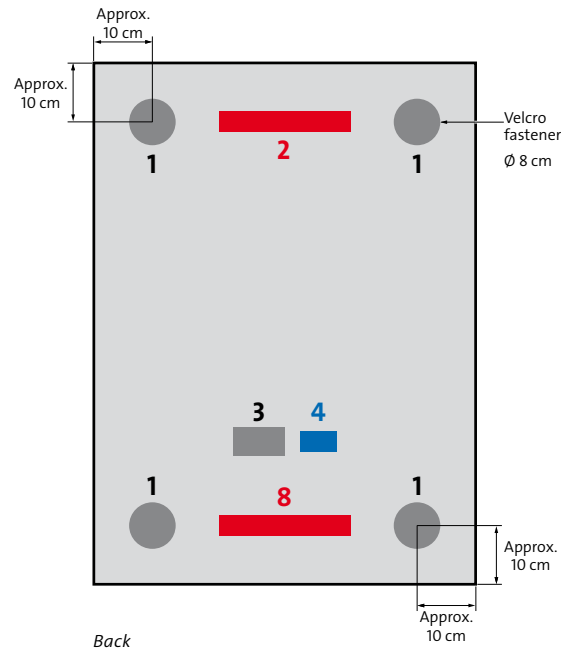
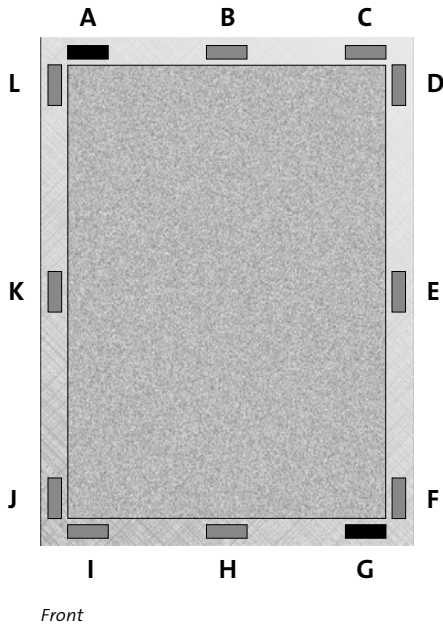
▲ Fig. 7

...und wieder eine Werbematte
von **City Clean®**
Den nötigen Pflegeservice für
Ihre Matte können Sie jederzeit
bundesweit gebührenfrei unter
Tel.: 0800.6288322
bei uns abrufen.

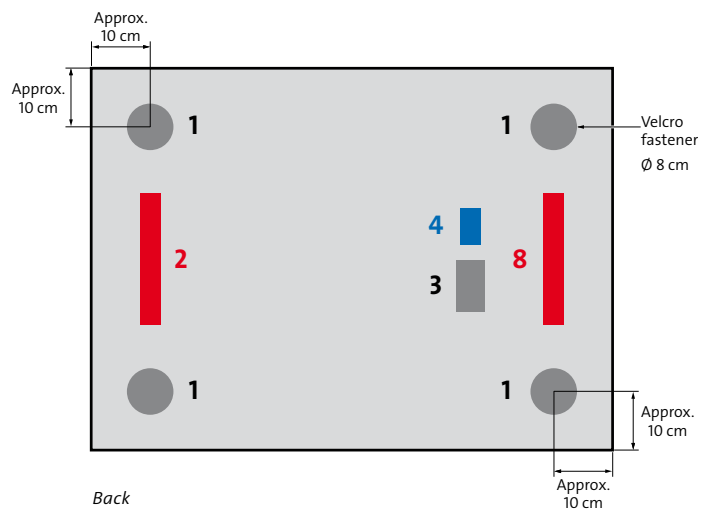
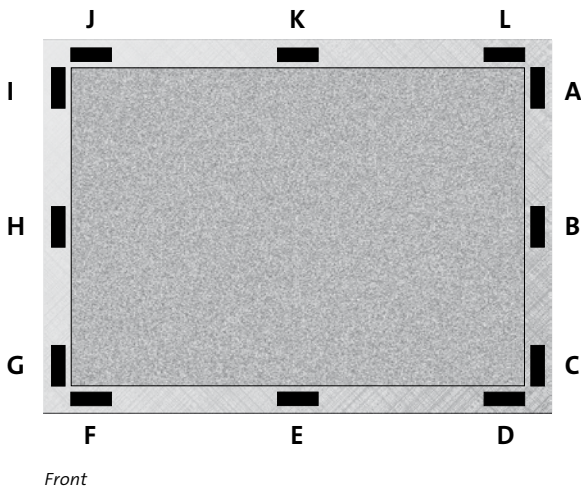
Fig. 8 ▶

City Clean® Werbematten ☎ 030/34990125

Portrait



Landscape



| | |
|---------------------------------------------------------------------------------------|---------------------------------|
| Standard labelling (positions) | Portrait and landscape, reverse |
| ... For ID label – provided as standard on emco IMAGE mats, optional for emco CLASSIC | 2/8 |
| ... For label stating date of manufacture – provided as standard on all types | 4 |

| Position of additional labels on request ... | Portrait, front | Landscape, front | Portrait and landscape, reverse |
|----------------------------------------------|-----------------|------------------|---------------------------------|
| ... emco standard border label | G | D | -- |
| ... Two border labels, e.g. | G and A | D and J | -- |
| ... Velcro fasteners | -- | -- | 1 |
| ... Washing instructions | -- | -- | 3 |

emco material, quality and warranty

Material and quality

Quality requirements are the top priority during development and production, particularly when it comes to customised designs. Not only is the backing or the yarn a crucial factor in this respect, but also the colours and dyeing process used. An emco IMAGE carpet mat is only worthy of the name if it continues to promote a company's image after many years of use, as well as providing a method of keeping an area clean.

Carpet mats from emco are produced exclusively from the most suitable fibres for the job (high twist nylon 100% polyamide 6.6). The height of the fibre makes them especially fluffy, enabling them to absorb a great deal of moisture. The nitrile rubber backing, available with or without dimples, offers long-lasting elasticity and can withstand repeated cleaning and washing, which will not leave any trace. emco IMAGE and CLASSIC are available in flame-resistant versions (Cfl – s1 in accordance with EN 13501, subject to an additional charge). Reinforcement of the borders ensures that they lie flat against the floor and prevents early tears during washing. Quality does not appear out of nowhere – only experience, the best materials and precision will result in an optimum product.

Flammability

Our carpet mats are available as a flame-resistant version in accordance with Cfl-s1, providing additional safety.

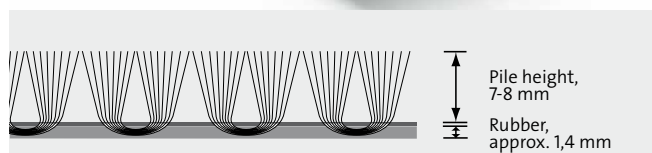
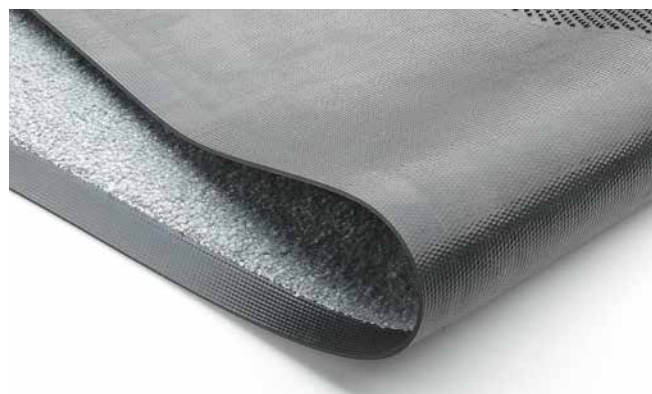


Areas of use and warranty

The types emco IMAGE, emco IMAGE STYLE and emco CLASSIC are indoor mats, which are only suitable for outdoor use to a limited extent. emco IMAGE OUTDOOR mats were specially developed for use in outdoor areas. All emco mat types are subject to the risk of slipping, caused by exposure to UV light and ozone. This can lead to loss of colour in the mats and to permanent discoloration of the floor covering, which are not covered by the warranty. A regular washing cycle (performed at least every 4 weeks) will prevent this. The conditions of production mean that certain changes in or loss of colour cannot be prevented and cannot, therefore, be included in the warranty. Damage due to malfunctioning of washing machinery or deliberate detrimental acts by the customer are not covered. The large amount of manual work involved means that small deviations in dimensions are unavoidable and do not represent grounds for complaint. In the event of a complaint, compensation can only be made to the current value of the mat. The warranty covers large sections of the pile coming away from the rubber backing, as well as tears to the border.

Vulcanisation press

State-of-the-art vulcanisation presses are responsible for liquefying the carpet backing, which consists of top-quality nitrile rubber, and bonding it with the individually printed tufting material. Long-term elasticity and a high degree of resistance to atmospheric and chemical influences and mechanical stress then develop under the effects of time, temperature and pressure. The technical specifications of the nitrile rubber are important, since they have a decisive influence on the way in which the mat lies. Here emco makes sure that the highest standards are complied with. Excellent border reinforcement ensures the mat lies perfectly in place.



emco washing and storage

Washing temperatures and procedure

emco IMAGE: max. 60 °C

emco IMAGE STYLE: max. 60 °C

emco IMAGE OUTDOOR: max. 40 °C

emco CLASSIC: max. 80 °C

Following delivery, mats should be washed or brushed to make the pile stand up and enable the mat to pick up dirt. This process will also improve the high-quality appearance of the mat and make its colours look brighter. The perforation (see page 32 – Benefits that come as standard) may leave individual pile threads standing upright, but the process of washing or brushing the mat will make these threads blend in too.

Washing and storage

IMAGE mats should not be washed together with other mat types, nor with logo mats produced by other manufacturers, if at all possible. This is because the lower-quality colours used by some manufacturers for their logo mats can sometimes bleed and end up being deposited on other mats.

CLASSIC mats can be washed together with other solution dyed mats, including those produced by other manufacturers, quite safely.

Mats produced without a border (take an additional 10 cm trim margin into account when placing your order) should be washed and dried three to five times prior to fitting, as shrinkage will be unavoidable.

Recommended detergents

In general, anionic detergents without optical brighteners should be used. Non-alkaline detergents should be used for logo mats, whilst alkaline ones can be used for CLASSIC mats.

Drying

Please take note of the manufacturer's instructions. A washing temperature of between 65°C and 80°C for around seven minutes is ideal. Then dry for another seven minutes at a lower temperature (approximately 30°C to 40°C).

Storage

The mats should not be exposed to high temperatures for a long period of time without good reason. Therefore, we recommend removing the mats from the drier as soon as the drying process is finished. Do not fold mats; store them flat, rubber side against pile side. If you store your mats rolled up, always have the rubber side facing outwards.



The benefits at a glance

Every emco carpet mat offers a number of benefits as standard, which really pay off in day-to-day use. In addition, there is a range of options for you to adapt your carpet mat to your individual requirements.

Benefits that come as standard

- The very best workmanship; even borders are straight and tidy
- High pile weight, making the mat particularly fluffy and comfortable
- Can be produced in any size, up to a maximum of 200 x 500 cm
- 32 colours per IMAGE mat, from a total of 45 shades
- To create a logo: 24 – 48-hour service
- Short delivery time: Just 11 – 15 days approx.
- Delivery with unmarked packaging possible on request
- No minimum order quantity
- Border reinforcement
- Perforation (Fig. 4): In the interests of durability, all mats are supplied with a perforation (prevents the mat from breaking during washing, provides better drying performance).

Benefits to customer requirements

- A vast range of shapes available on request (Fig. 1)
- Rounded corners
- Customer-specific border label (Fig. 2)
- Inventory number label (Fig. 4)
- Integration of transponder chips for digital registration of relevant product data (Fig. 3)
- Stamp on reverse (Fig. 5)
- Attachment of Velcro fasteners for fixing the mat in place on smooth floor surfaces (Fig. 6)
- Double-thickness rubber backing (Fig. 7)
- Mats are available with a dimpled backing (Fig. 8) on request. For technical reasons, the dimples are not applied across the entire rear of the mat, just to a certain area. The distance between the dimpled area and the border cannot be specified, due to the variety of mat sizes available.
- Special colours (Pantone or RAL)



1



2



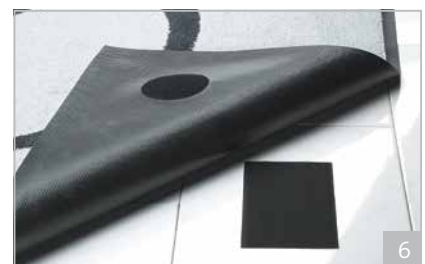
3



4



5



6



7



8

Fig. 1: Mat shapes according to requirements

Fig. 2: Border label

Fig. 3: Transponder chips

Fig. 4: Perforation/inventory number label

Fig. 5: Stamp on rear

Fig. 6: Velcro fasteners

Fig. 7: Double-thickness rubber backing

Fig. 8: Dimpled backing