



emco Clean Off

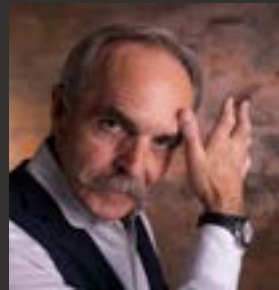
Clean Off for dirt collection zones

EMCO



KEEP IT CLEAN, KEEP IT SUSTAINABLE

For the last thirty years, the subject of dirt collection zones/ Clean Off has been and remains increasingly important to us as a specialist in flooring technology and interior design.



In terms of both planning and practicality, flooring is today part of the overall architectural concept in building design in the public and private sectors. Ecological sustainability of the materials used is a key requirement to ensure nature is not overexploited and products are made in such a way that allows natural resources to regenerate.

Looking through the emco 2024 Clean Off range, I can see exactly the same economic sustainability that is found in the emco Clean Off systems. A combination of correctly designed and sufficiently large Clean Off zones and areas leads directly to economical sustainability as, from an economical perspective, 'every particle of dirt' that is prevented from entering the building does not have to be removed.

Correctly designed dirt barriers and Clean Off zones in front of and in buildings significantly reduce the degree of contamination of flooring, increase the cleaning intervals, and thus reduce costs and extend the service life of the flooring. And this applies equally to natural or artificial stone, elastic or textile indoor floor coverings. Value retention is a key concern and represents a visible cornerstone of ecologically sustainable planning and thinking to the public.

This extends the practical service life of flooring and the secure walking surface which clean floorings ensure can also not be ignored. The concept and the emco 2024 Clean Off range not only convince me as a professional expert in technical terms, but the practical design options available to architects, planners and installers are also invaluable.

Welcome to a clean world!

Richard A. Kille

IFR Cologne

INSTITUT FÜR FUSSBODEN- UND RAUMAUSSTATTUNG
(INSTITUTE FOR FLOORING AND INTERIOR DESIGN)



REDUCED CLEANING COSTS VALUE RETENTION AVOID SLIP AND TRIP ACCIDENTS SPOTLESS CLEAN OFF PLANNING 3-ZONE CLEANING

Indoor floor coverings cannot cope with dirt, dust and moisture being brought into a building on the soles of shoes. A new Clean Off mat helps prevent this as the Clean Off brushes the dirt off and absorbs the moisture before they are distributed throughout the entire building.

We can meet all your Clean Off needs to ensure dirt stays where it ought to be.

SAFE



Prevents accidents caused by slipping and satisfies the duty to ensure public safety

RETAINS VALUE



Prevents expensive damage to the floor covering and thus preserves the value of the property

EFFICIENT



A Clean Off system pays for itself in just six months

ECONOMICAL



Reduces the cleaning times and costs by up to 90 per cent

INDIVIDUAL



Innovative technology for printing a personalised Clean Off

SUSTAINABLE



Reduces consumption of cleaning products and packaging waste

THE RIGHT PRODUCT FOR EVERY USE

emco offers the best Clean Off for all indoor and outdoor areas in terms of technical and design requirements. Analysis of the critical zones which are particularly susceptible to contamination is vital before starting to plan. The result is a personal Clean Off concept which is optimally matched to the architectural requirements. For clean solutions - just as you imagined them.

PRODUCTS



MAXIMUS® VINTAGE

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MAXIMUS® UNI

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MAXIMUS® DESIGN

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OUTDOOR

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CARE

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LINEA

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ROYAL

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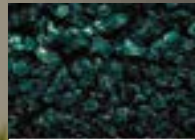
INNOVA

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CONFORM

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SCRATCH2

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SPECIAL SOLUTIONS

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emco 3-zone cleaning system

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MAXIMUS®

The benchmark for the ultimate in comfort. High quality tufted velour and an exclusive appearance combined with outstanding protective features. Available in three attractive designs for top quality results.

MAXIMUS® VINTAGE / UNI / DESIGN

Rolls	approx. 130 and 200 cm wide
Mats	approx. 60 x 90 cm approx. 90 x 150 cm approx. 130 x 200 cm (incl. border)

See page 39 for technical specifications

MAXIMUS® VINTAGE



83.07 red



83.02 anthracite



83.03 grey



83.04 brown



83.05 beige

MAXIMUS® UNI



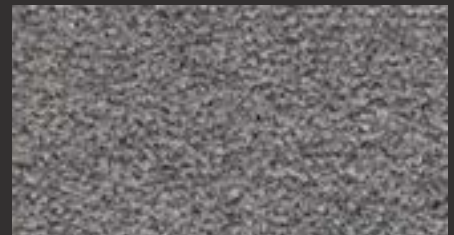
* Also available as Performance insert



80.01 black *



80.02 anthracite *



80.03 grey



80.04 brown *



80.07 red *

MAXIMUS® DESIGN



* Also available as Performance insert



81.01 black *



81.02 anthracite



81.04 brown

OUTDOOR



* Also available as Performance insert

The right choice for outdoors. Durable due to extremely high weather-resistance. Optimum absorption of coarse dirt and lays perfectly. Available as rolls or mats.

OUTDOOR	
Rolls	approx. 100 and 200 cm wide
Mats	approx. 60 x 90 cm approx. 90 x 150 cm (incl. border)
See page 39 for technical specifications	



Colour: 85.01 anthracite



85.01 anthracite *



85.02 brown *



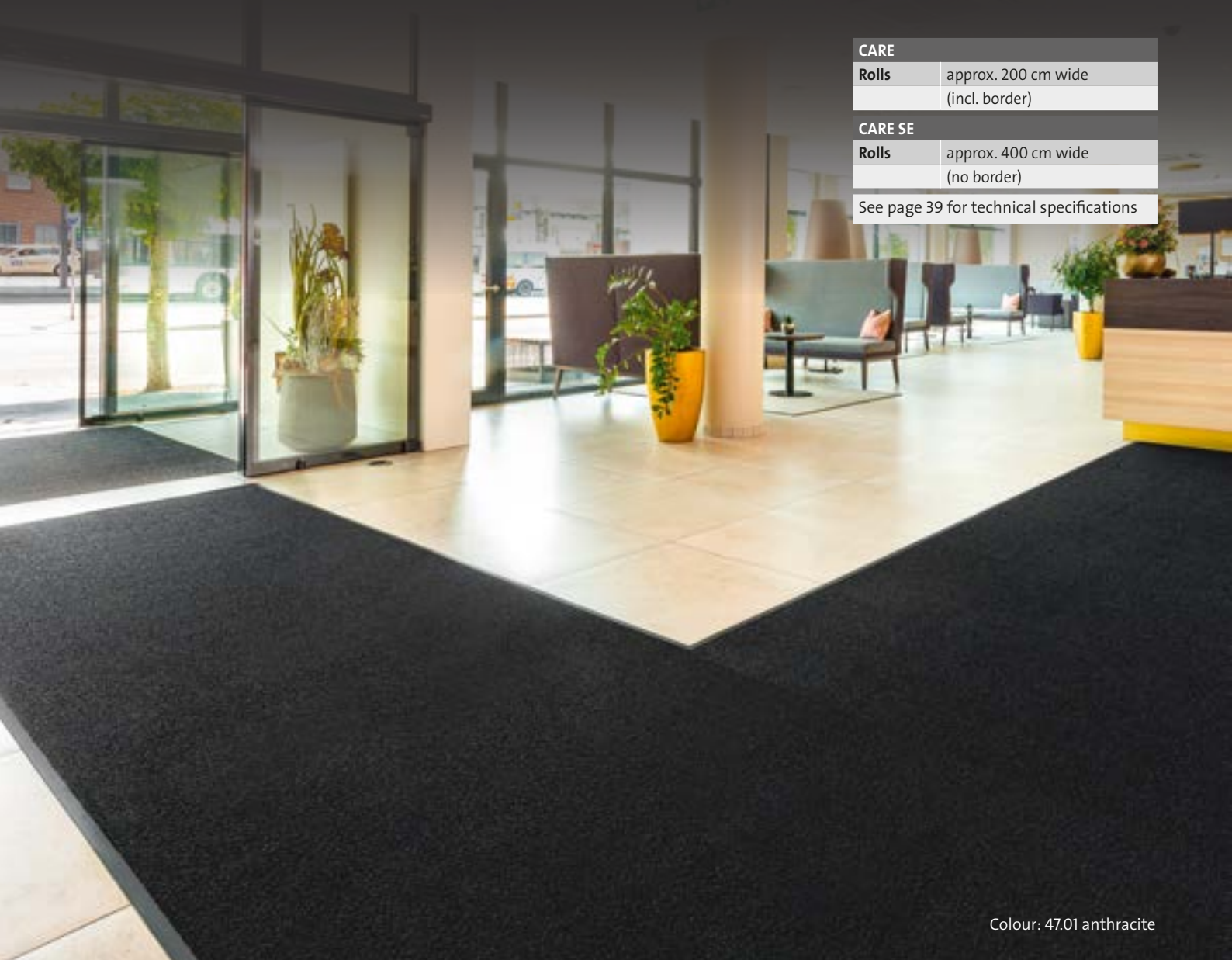
85.03 red *

CARE



* Also available as Performance insert

Effectively and sustainably protects all high-quality indoor floor coverings behind the Clean Off zone. Supplied on the roll, it is extremely robust and sturdy. Targeted and effective dirt reduction.

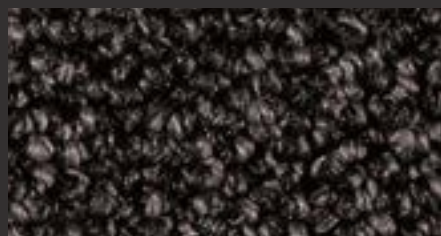


CARE	
Rolls	approx. 200 cm wide (incl. border)
CARE SE	
Rolls	approx. 400 cm wide (no border)
See page 39 for technical specifications	

Colour: 47.01 anthracite



47.01 anthracite *



47.02 grey *



47.03 brown *



47.04 beige *

LINEA

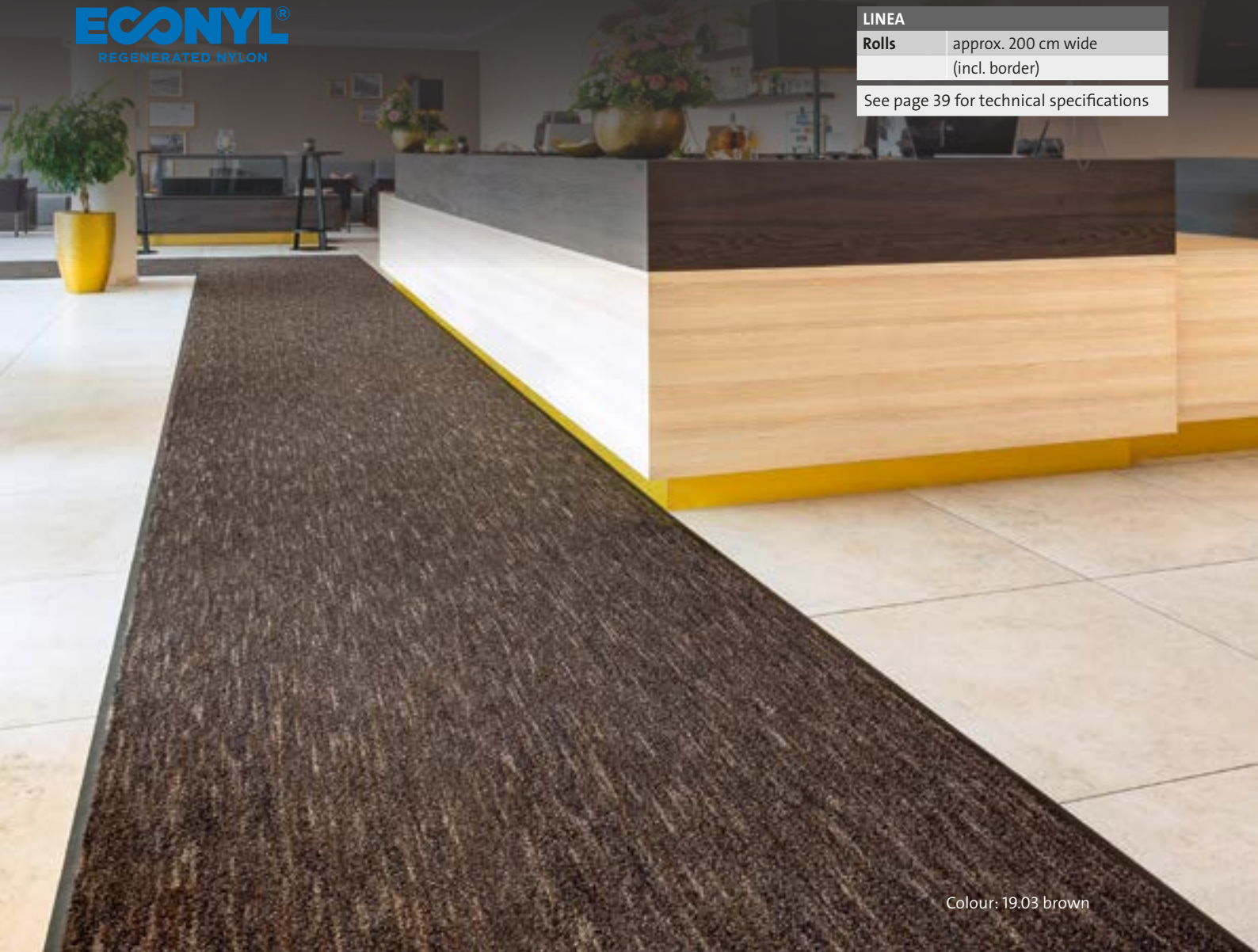
Bff-s1

1 2 3

A Clean Off with carpet-like characteristics and elegant colourways. The combination of convincing spatial effect and excellent robustness also makes this ideal for areas with high levels of traffic.

ECONYL[®]
REGENERATED NYLON

LINEA	
Rolls	approx. 200 cm wide (incl. border)
See page 39 for technical specifications	



Colour: 19.03 brown



19.01 anthracite



19.02 grey



19.03 brown



19.04 blue

PRESTIGE



A high-quality roll product in five timeless colours for all critical zones highly susceptible to contamination. For areas with high entry and exit footfall where the distribution of dirt is to be prevented.



PRESTIGE	
Rolls	approx. 130 and 200 cm wide (incl. border)
See page 39 for technical specifications	



Colour: 61.05 blue



61.05 blue



61.02 grey



61.06 beige



61.01 anthracite

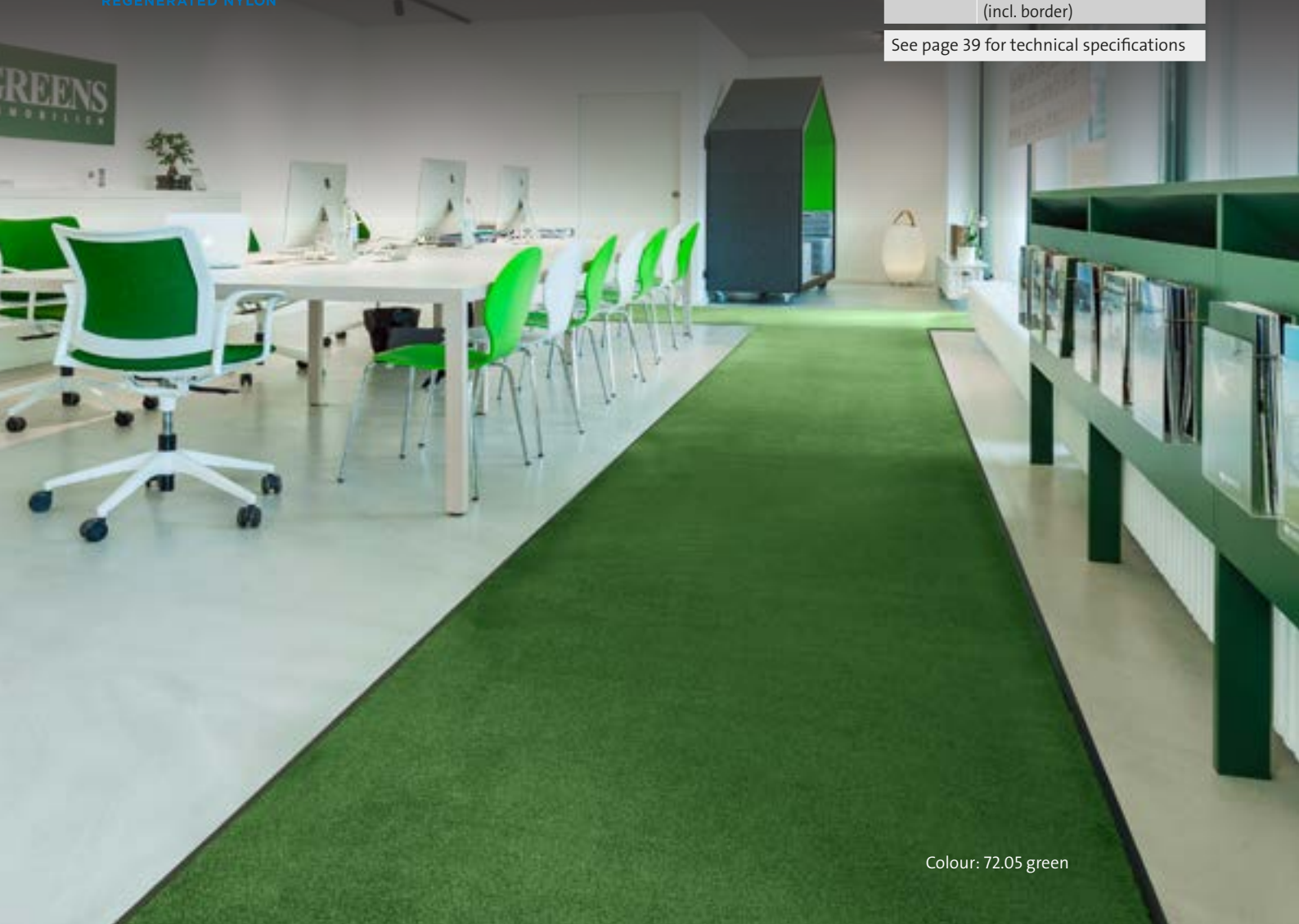


61.03 brown

A Clean Off that copes with the most demanding conditions. Distinguished appearance, sturdy material, robust functionality. High-quality tufted velour with specially developed nylon pile design which absorbs three times more moisture.



ROYAL	
Rolls	approx. 200 cm wide (incl. border)
See page 39 for technical specifications	



Colour: 72.05 green



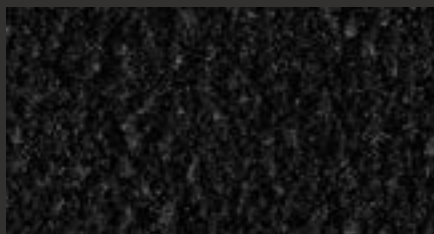
72.04 red



72.02 grey



72.03 mocha



72.01 black



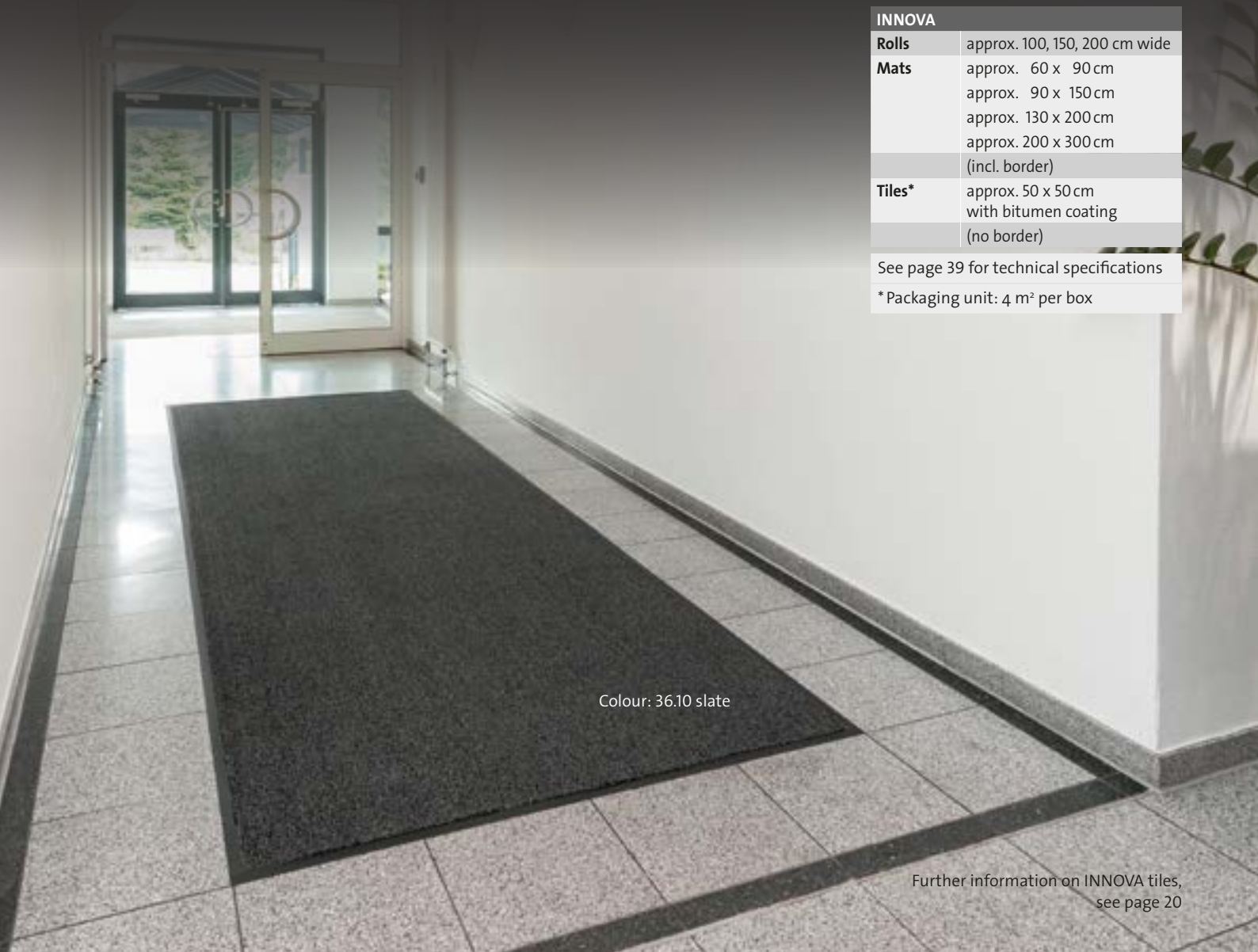
72.05 green

INNOVA



* Also available as Performance insert

An innovative, high-quality Clean Off - the optimum design and technical solution which consistently reduces dirt. Not only looks good but also improves room acoustics.



INNOVA	
Rolls	approx. 100, 150, 200 cm wide
Mats	approx. 60 x 90 cm approx. 90 x 150 cm approx. 130 x 200 cm approx. 200 x 300 cm (incl. border)
Tiles*	approx. 50 x 50 cm with bitumen coating (no border)
See page 39 for technical specifications	
* Packaging unit: 4 m ² per box	

Colour: 36.10 slate

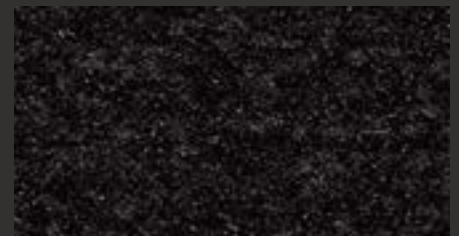
Further information on INNOVA tiles, see page 20



36.02 anthracite *



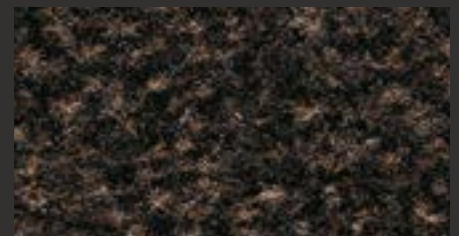
36.10 slate



36.01 black *



36.03 grey *



36.08 mocha

CONFORM



Cfl-s1

Bfl-s1
Tiles



1 2 3



1 2 3

* Also available as Performance insert

This Clean Off made from an exclusive velour is perfectly coordinated with the appearance of sophisticated wooden and designer floors. Available as rolls, mats, tiles and stair mats. Tiles have fire protection class Bfl-s1.

ECONYL[®]
REGENERATED NYLON

CONFORM	
Rolls	approx. 130 and 200 cm wide
Mats	approx. 60 x 90 cm approx. 90 x 150 cm approx. 130 x 200 cm (incl. border)
Tiles*	approx. 50 x 50 cm with bitumen coating (no border)
Stair mats	approx. 25 x 65 cm with non-slip fleece and whipped border
CONFORM SE	
Rolls	approx. 400 cm wide (no border)
See page 39 for technical specifications	
* Packaging unit: 4 m ² per box	

Colour: 76.01 anthracite

Further information on CONFORM tiles,
see page 20



76.02 beige *



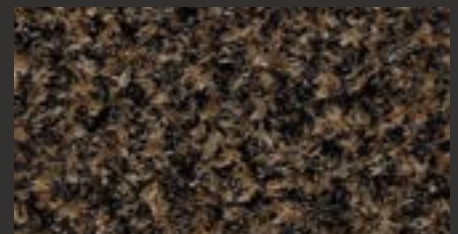
76.01 anthracite *



76.10 grey



76.04 brown *



76.03 mocha

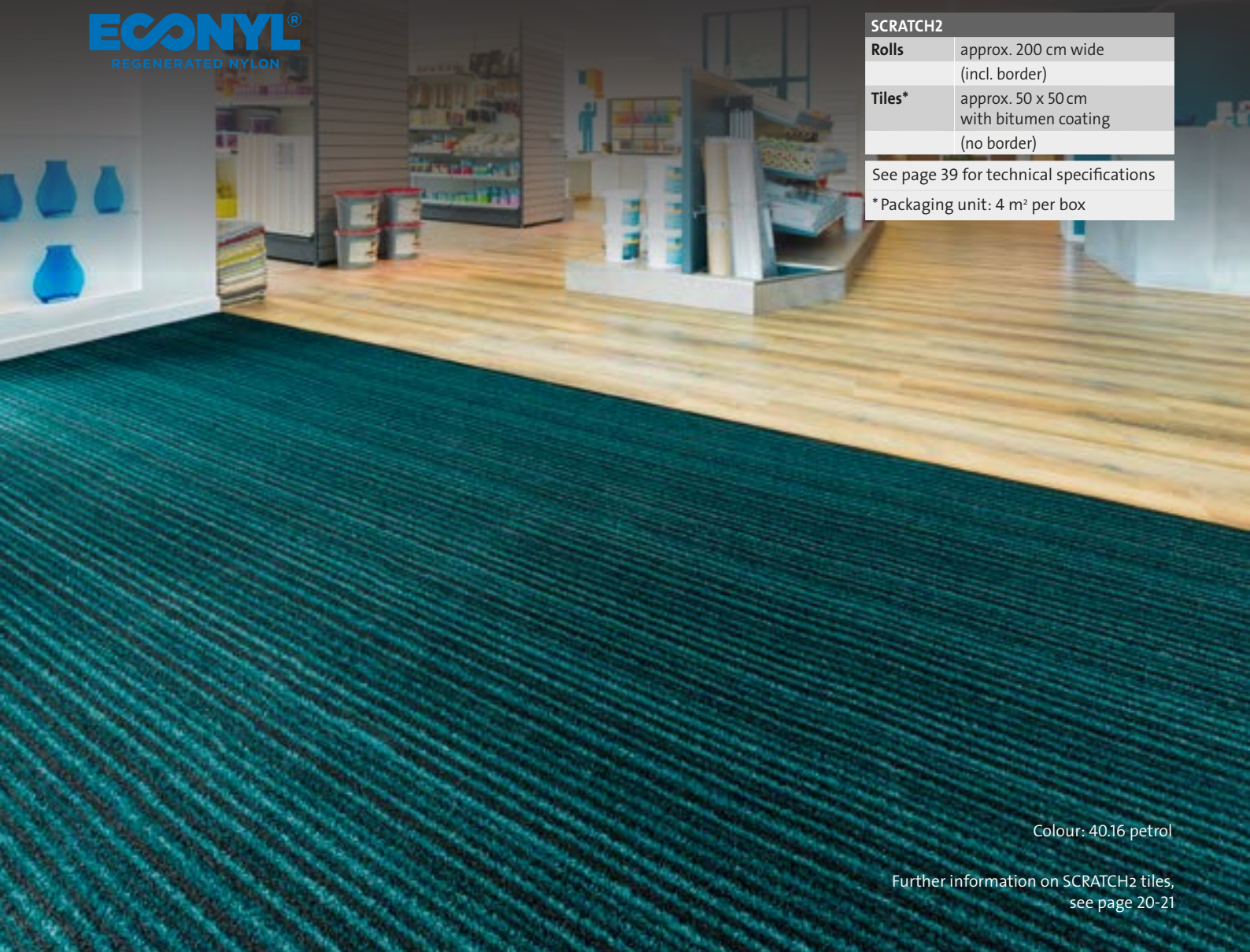
SCRATCH2



Punchy Clean Off supplied as rolls or tiles. Brushes off coarse dirt, absorbs moisture. Optimum material composition, unique design. Ideal for all application areas where something special is required.

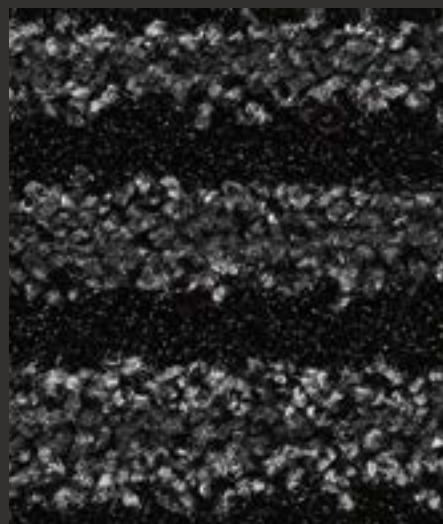
ECONYL®
REGENERATED NYLON

SCRATCH2	
Rolls	approx. 200 cm wide (incl. border)
Tiles*	approx. 50 x 50 cm with bitumen coating (no border)
See page 39 for technical specifications	
* Packaging unit: 4 m ² per box	



Colour: 40.16 petrol

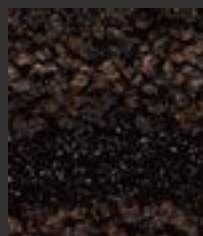
Further information on SCRATCH2 tiles,
see page 20-21



40.13 grey



40.12 anthracite



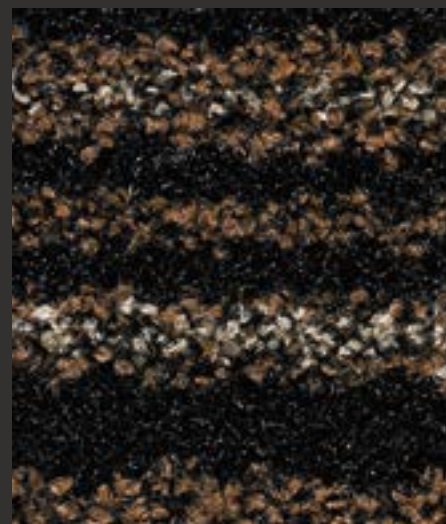
40.14 brown



40.11 black



40.16 petrol



40.15 beige

Special solutions

LOGO MATS

A Clean Off that is as individual as you? At emco, not only can you order a personalised Clean Off in a wide range of formats but special sizes and shapes are also available on request.

MAXIMUS[®] IMAGE

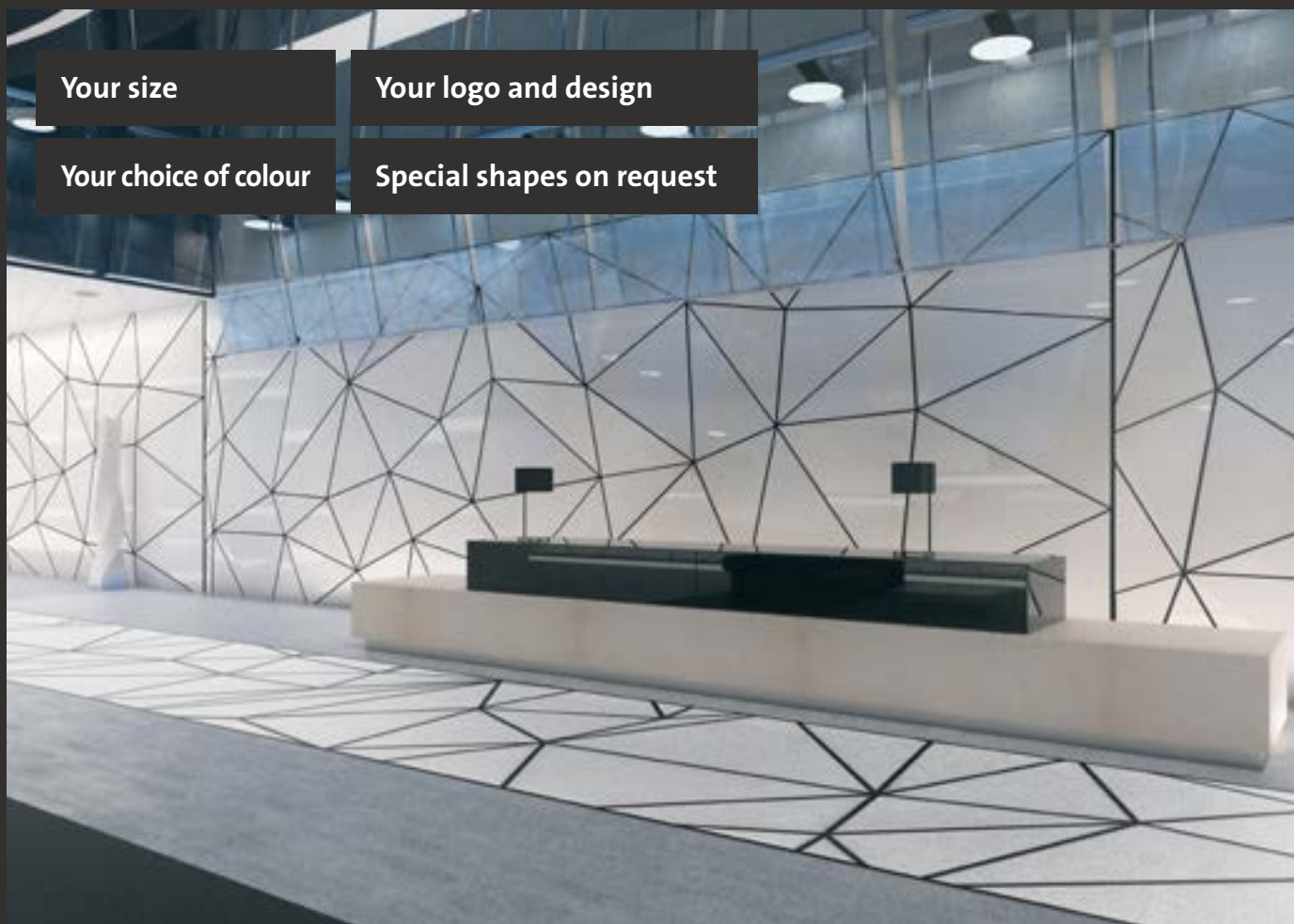


Your size

Your logo and design

Your choice of colour

Special shapes on request



emco can print your Clean Off to your specific requirements. Logo, slogan, personalised text or images can be individually produced using the most up-to-date Chromo-Jet printing technology. We will print your mat with up to 16 colours including coloured mat backgrounds from our range of colours. Special Pantone, RAL or HKS colours are also possible (for an additional charge).

Maximum print size approx. 200 cm (incl. border).
Special shapes possible.

Whatever you want

An advertising medium, with logo or images, a point of information, with lettering or text, in your own colours ...

Special solutions

LOGO MATS

IMAGE INDOOR

Available on request, for an additional charge

C11-S1

1 2 3



A colourfast visiting card for your premises, designed to your personal specifications. The mat can also be machine washed if required - it can be washed at up to 60° C with no danger of colour variation (in accordance with DIN 54006). Mats can be printed in up to 32 colours from our range of colours, including mat background.

Mats (incl. border) approx.

85 x 60 cm

85 x 120 cm

85 x 150 cm

100 x 180 cm

130 x 200 cm



Special dimensions available on request up to approx. 200 x 400* cm (incl. border).

*Longer lengths up to approx. 750 cm for an additional charge. Special shapes possible.

Special solutions

TILES

INNOVA / CONFORM / SCRATCH2

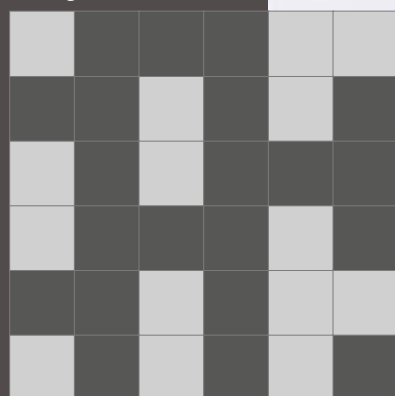
B_{fl}-S1

1 2 3

Laying options

emco **INNOVA**, **CONFORM** and **SCRATCH2** Clean Off tiles are available in a range of designs and colours that give full rein to creativity when laying. A few suggestions for the individual variants are given below.

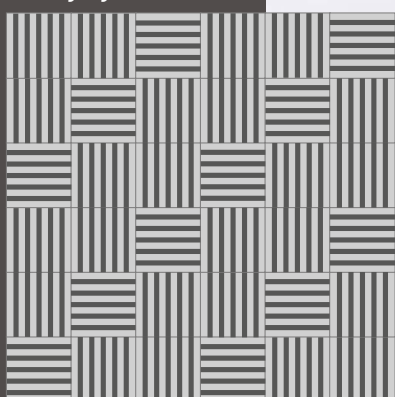
Mixing two colours



INNOVA/CONFORM



Fantasy layout



SCRATCH2



Supplied as

Tiles approx. 50 x 50 cm - with bitumen coating - no border

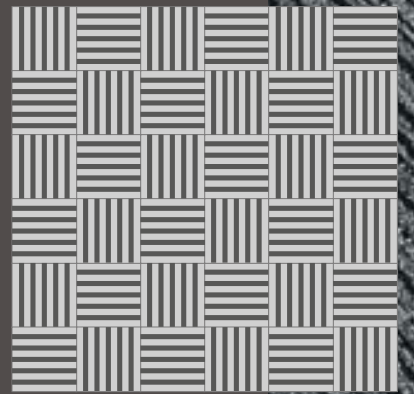
Packaging unit

4 m² per box

Laying suggestion for tiles
see page 36



Chessboard layout

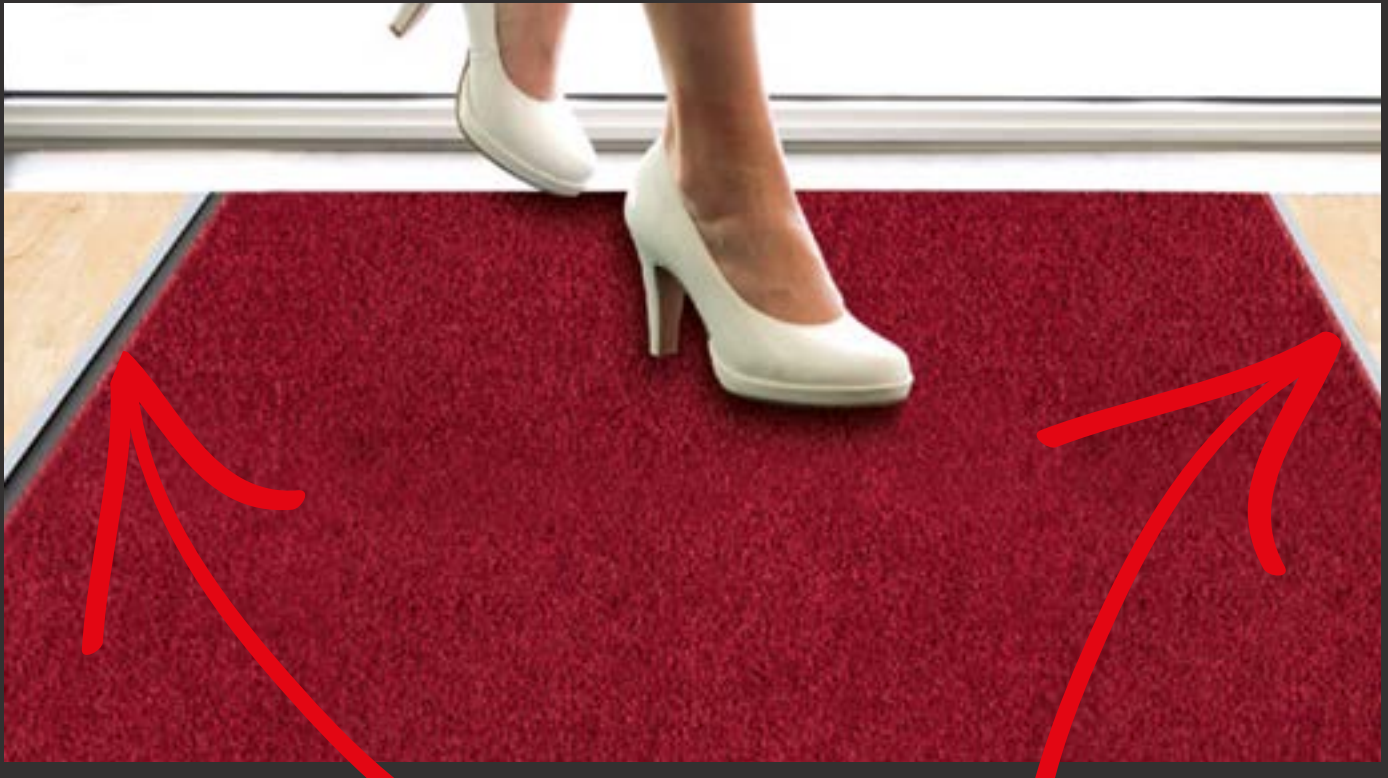


SCRATCH2

Accessories

SIGAN ELEMENTS / SIGAN ELEMENTS PLUS

For quick, dimensionally stable bonding of Clean Offs with vinyl backing onto existing wear surfaces, levelling compounds, chipboard or metal.



Laying without bonding No dimensional stability.

The PVC backing on Clean Offs laid without bonding can be affected by summer heat or winter cold which leads to dimensional variation and the formation of gaps.

Full-surface bonding 100 % DIMENSIONALLY STABLE.

Dimensional variation can be completely prevented by applying a permanent bonding to the Clean Off zone.

Application areas

Dimensionally stabilising, metal-reinforced special bonding systems, double-sided adhesion for full-surface bonding of Clean Off indoor floor coverings with vinyl backing. Suitable for any sized building, irrespective of surface.

- Can be removed without leaving a residue
- Can be walked on immediately
- Easy, odour-free laying

Technical data

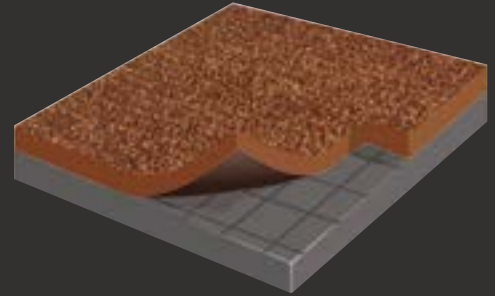
Type of container	small handy roll
Contents	25 consec. m x 24.5 cm (approx. 6 m ²)
Colour	silver/grey
Substrate temp.	min. 15° C
Curing time	none
Laying time	no restrictions
Can be walked on	immediately after laying

Accessories

ADJUSTMENT MAT

For compensating depressions in entrance areas

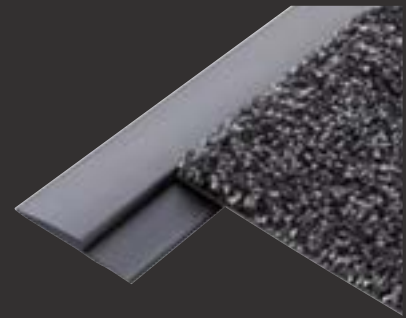
Example for a frame approx. 22 mm deep:
Compensation by the adjustment mat approx. 14 mm +
Clean Off approx. 10 mm
Rolls: approx. 125 cm wide
Specially cut mats



EDGE PROFILE

Border profile for finishing the cut edges for products with a heavy-duty PVC coating

Rolls: 25 consec. m



NON-SLIP UNDERLAY

FLOCK



Non-slip underlay for Clean Off zones on textile floors

PRIMA*



Non-slip underlay for Clean Off zones on smooth floors

Colour, structure: anthracite, grid

Roll:
length approx. 20 m, width approx. 80 cm, 120 cm, 200 cm.
Samples also available.

Composition:
PES/glass yarn fabric, coated on both sides with special PVC paste. Polyamide flocking on one side, adhesion promoter and PE film on the other.

Laying:
remove the PE film and press the Clean Off mat onto the adhesive side of the underlay. Lay the flocked side onto the textile floor covering and cut to size if necessary. The polyamide flocking hooks into the surface of the textile floor covering.

Colour, structure: white, very fine grid structure

Roll:
length approx. 30 m, width approx. 80 cm, 120 cm, 180 cm.
Samples also available.

Composition:
PES/glass yarn fabric, coated on both sides with special acrylate foam

Laying:
bonding and anti-slip properties are negated by moisture!

*We recommend using PRIMA non-slip underlays for vinyl coverings to prevent migration of plasticisers.

Clean Off systems

emco 3-ZONE CLEANING

emco presents its new Clean Off collection with 11 carefully chosen material grades in 60 colours. Some old favourites, some improved designs and some completely new ones. The extensive product range means that your Clean Off systems can be put together in toning colours.

It is the combination of all three dirt collection zones that makes the Clean Off system so powerful and unique. Each zone is extremely effective and enormously resilient on its own, but they only develop their full power when used together.

1 2 3 Entrance mats

with aluminium profiles and Performance inserts

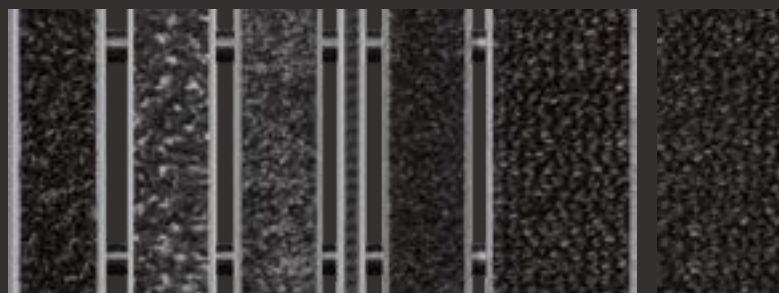
Dirt collection zone 1 special inserts in the entrance area prevent coarse dirt being carried into the building.

Dirt collection zone 2 non-slip inserts ensure fine and damp dirt are removed on entry.

1 2 3 Clean Off

in different areas throughout the building.

Dirt collection zone 3 absorbs residual moisture and dirt and prevents slip and trip accidents through Clean Off in the building.



MARSCHALL 522 PS	DIPLOMAT 522 P	DIPLOMAT 522 P	Brush strip black	DIPLOMAT 522 P	MARSCHALL 522 PSL	CLEAN OFF
OUTDOOR 85.01 anthracite	INNOVA 36.02 anthracite	MAXIMUS® 81.01 black		CONFORM 76.01 anthracite	CARE 47.01 anthracite	CARE 47.01 anthracite



Approx. 40%*
dirt reduction



Dirt collection zone 1
Entrance mats



Captures coarse dirt
outside the building.

**Original entrance mat
with standard rubber
insert or cassette
brushes. Or Premium
optimised entrance mat
with Outdoor
Performance insert.**



Approx. 70%*
dirt reduction



Dirt collection zone 2
Entrance mats



Removes fine and damp dirt.

**Original entrance mat with ribbed carpet insert
Or optimised Premium entrance mat with Maximus® Care, Innova and Conform Performance insert.**



Approx. 90%*
dirt reduction



Dirt collection zone 3
Clean Off



Absorbs residual moisture and dirt.

Maximus®, Care, Linea, Favorit, Prestige, Royal, Innova, Conform and Scratch2 Clean Off.

* The optimum length of Clean Off system when combining all three zones is at least nine metres.

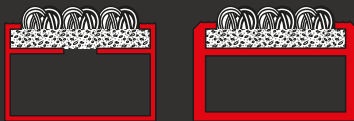
SYSTEM COMPONENTS

DIPLOMAT / MARSCHALL

Choose the options that best suit your installation requirements – insert styles, heights, widths and load capabilities to meet your needs and specifications: All our heavy-duty inserts and standard inserts are available in two profile thicknesses, two profile widths and three profile heights. They can also all be optionally combined with additional profiles. Maximize the effectiveness and functionality of your entrance matting system.

2 profile thicknesses

- For normal to heavy loads
- For extreme loads

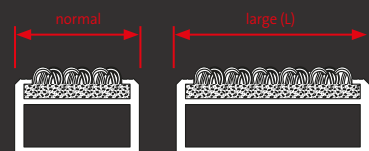


DIPLOMAT

MARSCHALL

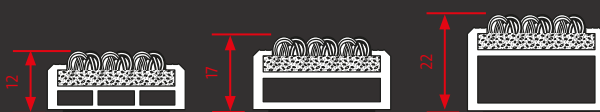
2 profile widths

- Adaptable to every requirement
- Provide a harmonious look to suit your taste



3 profile heights

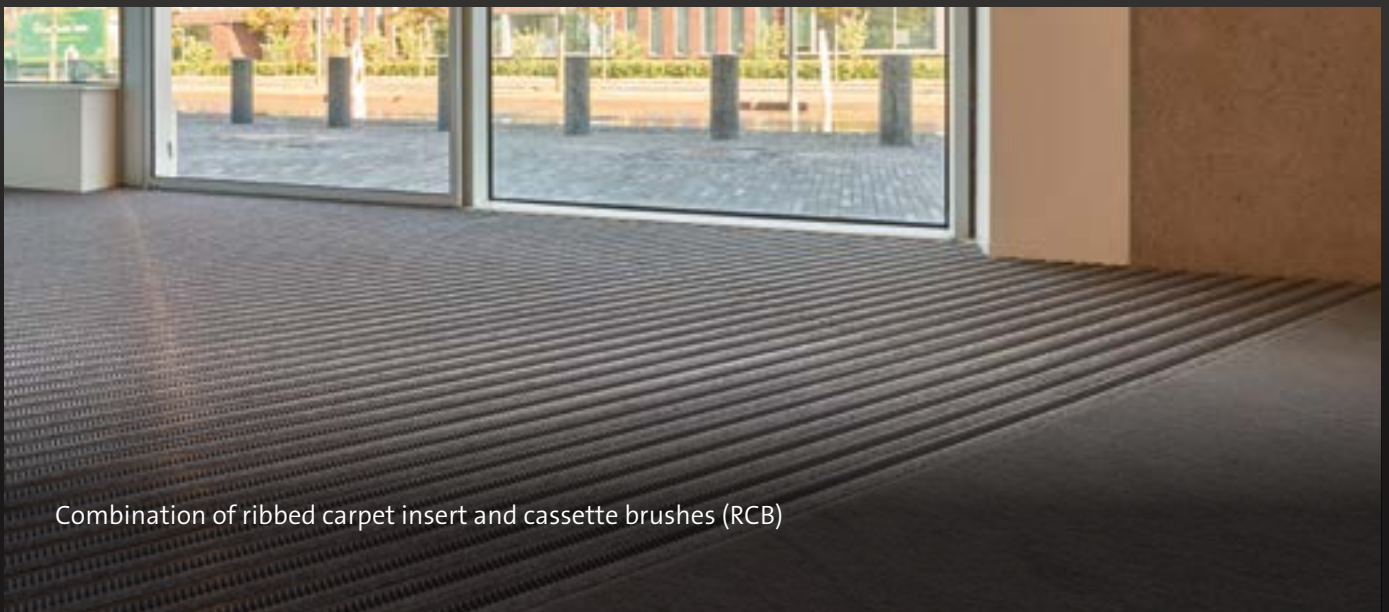
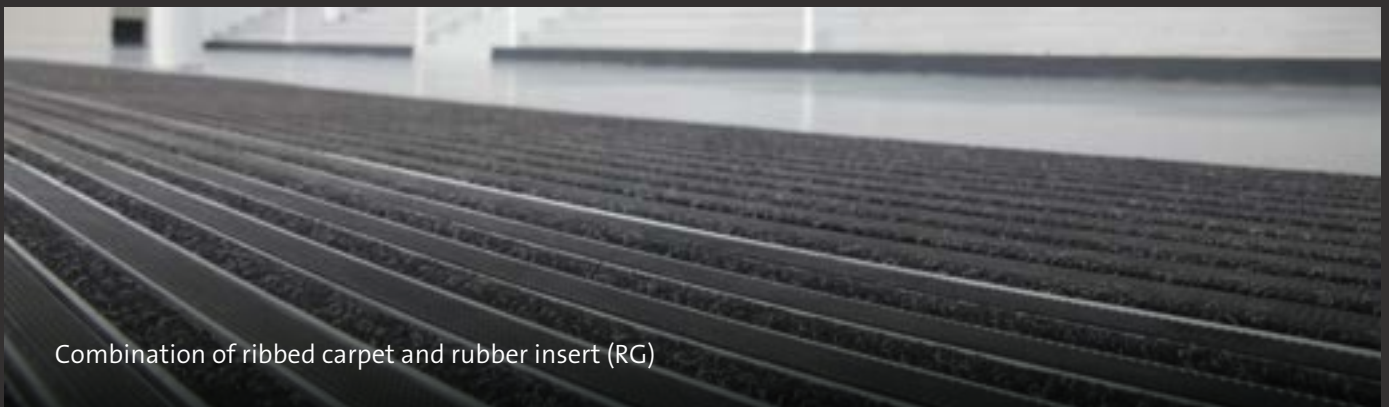
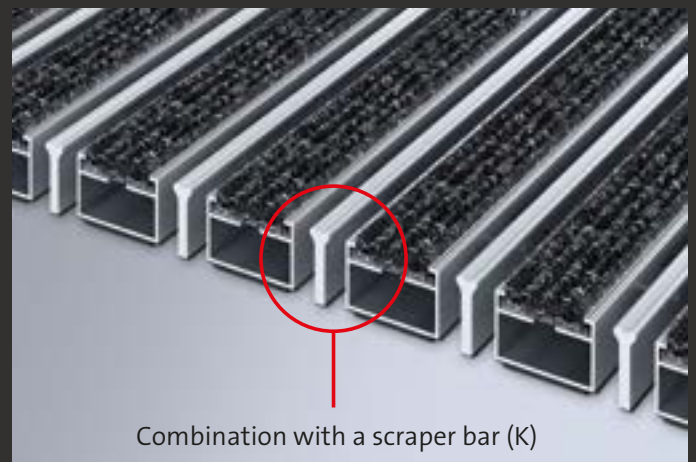
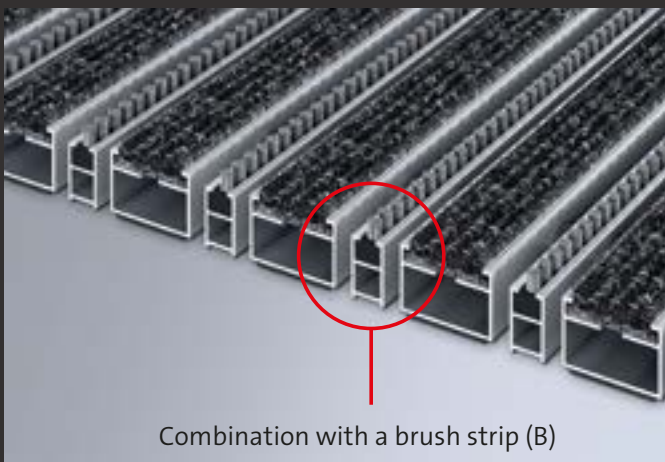
- Higher = more effective
- Whether in a new build or renovation - they adapt to every requirement



COMBINATIONS

GCB/RCB/RG

You can structure your dirt collection zone individually so that you can benefit from the entire emco cleaning power, even when space is limited or the dirt load is particularly high. For example, you can combine inserts for different dirt collection zones to optimise dirt abrasion even when the installation length is limited. Practical combinations of emco additional profiles and the renowned GCB and RCB options are available to boost the cleaning effect. With separate scraper bars or brush strips fitted between the profiles, you can further increase the effectiveness of your emco entrance matting system.



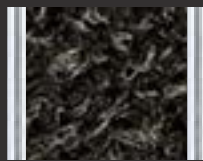
PREMIUM ENTRANCE MATS WITH PERFORMANCE INSERTS

DIPLOMAT PREMIUM / MARSCHALL PREMIUM

1 2 3 Dirt collection zone 1

OUTDOOR insert: The special one

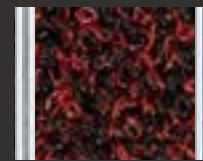
- Also suitable for outdoor use
- Good scraping properties
- Optimum absorption of coarse dirt
- High abrasion resistance
- Radiant vitality



85.01 anthracite



85.02 brown

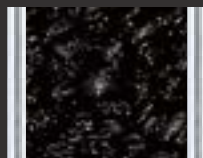


85.03 red

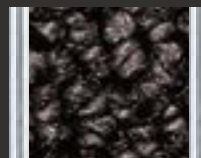
1 2 3 Dirt collection zone 2

CARE insert: The robust one

- Extremely robust
- High light fastness
- Effective dirt reduction
- Effectively protects high-quality floor coverings



47.01 anthracite



47.02 grey



47.03 brown

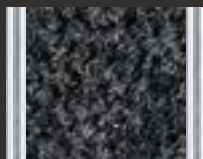


47.04 beige

Einlage MAXIMUS® UNI /

MAXIMUS® DESIGN insert: The individual one

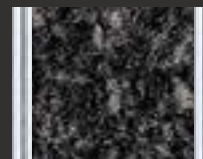
- High-quality tufted velour
- Excellent protective properties
- Optimum yarn mix for dirt uptake
- Custom printing: see information on page 18 for MAXIMUS® IMAGE logo mats



80.02 anthracite, uni



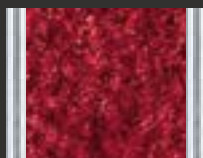
80.01 black, uni



81.01 black, design



80.04 brown, uni

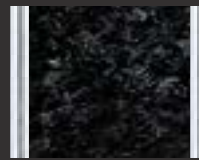


80.07 red, uni

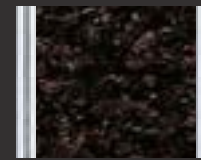
1 2 3 **Dirt collection zone 2**

CONFORM insert: The ecological one

- Exclusive velour
- Made from regenerated ECONYL® recycled materials
- Extremely versatile
- Colouring specially matched to wood



76.01 anthracite



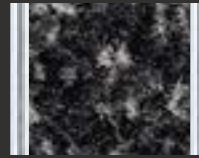
76.04 brown



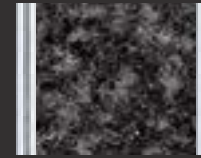
76.02 beige

INNOVA insert: The versatile one

- Distinguished appearance
- Consistent dirt reduction
- Improves room acoustics
- Hides dirt



36.02 anthracite



36.03 grey



36.01 black

ORIGINAL ENTRANCE MATS WITH STANDARD INSERTS

DIPLOMAT ORIGINAL / MARSCHALL ORIGINAL

1 2 3 **Dirt collection zone 1**

Rubber insert

- For substantial amounts of coarse dirt
- High abrasion resistance
- Weather-proof
- Elegant appearance
- Also suitable for outdoor use



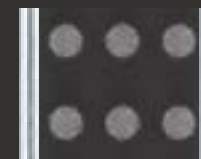
black

Cassette brush insert

- For substantial amounts of coarse dirt
- Extremely durable brushes
- Weatherproof
- High abrasion resistance
- Also suitable for outdoor use



black

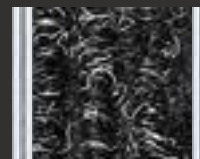


grey

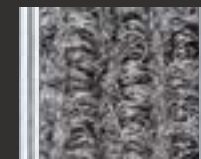
1 2 3 **Dirt collection zone 2**

Coarse fibre ribbed insert

- Particularly resistant to abrasion
- Very high dimensional stability
- Extremely durable
- Weather-proof



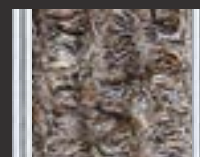
anthracite



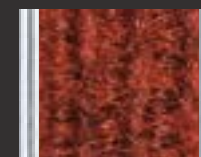
light grey



brown



sand



red

Entrance mats

CREATE YOUR PERFECT ENTRANCE AREA

COLOR EDITION

For an even more coordinated design, choose our colour anodised frames and aluminium profiles - together with the available insert colours, they can be perfectly matched to your entrance area. Choose from the elegant anodised colours EV3 gold, C33 mid-bronze, C35 black and C31 stainless steel, perfectly suited to most entrance styles.

Anthracite ribbed carpet insert
C35 black aluminium profile

Example C35 black

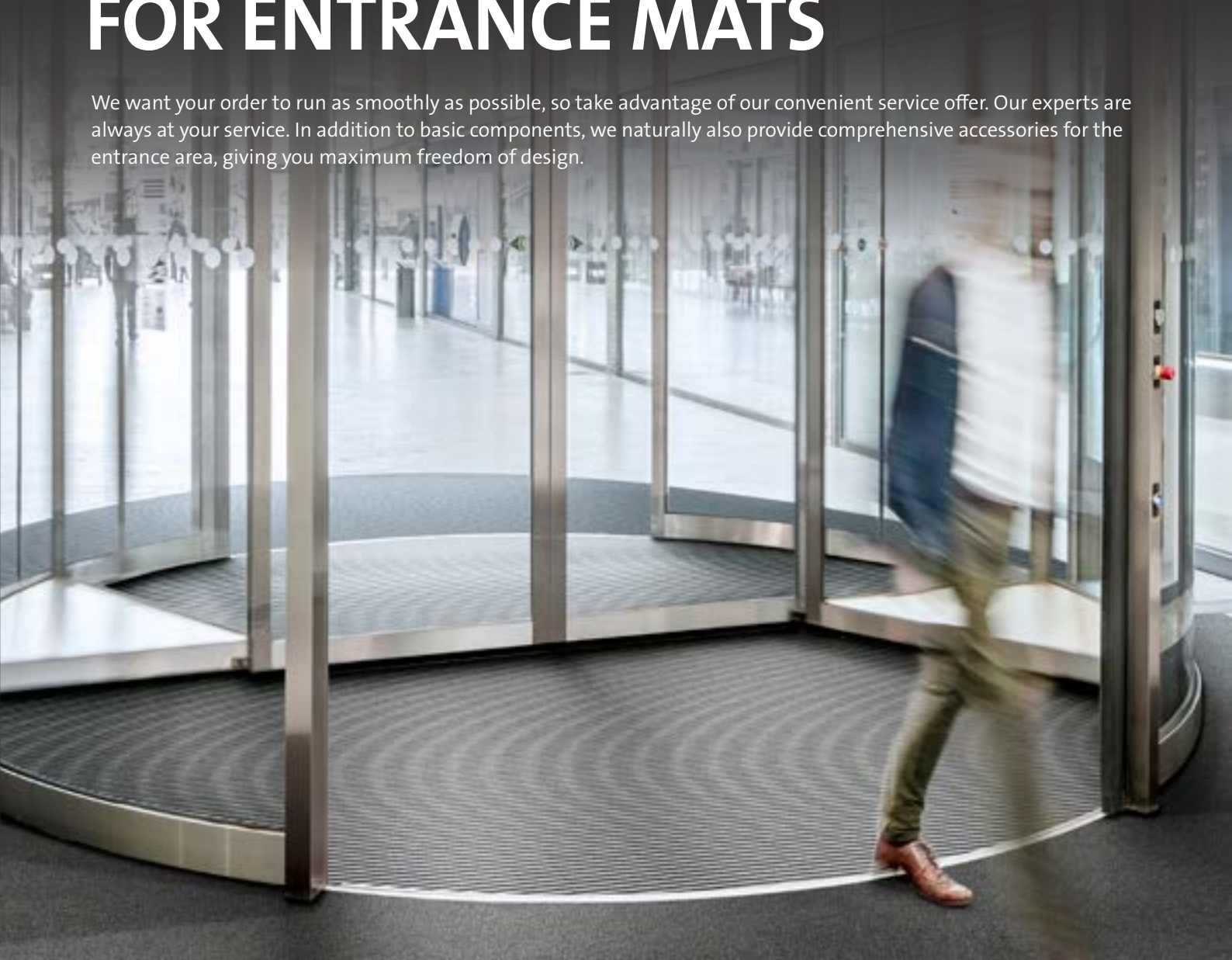
Example EV3 gold

Example C33 mid-bronze

Entrance mats

TECHNICAL CUSTOMER SERVICE FOR ENTRANCE MATS

We want your order to run as smoothly as possible, so take advantage of our convenient service offer. Our experts are always at your service. In addition to basic components, we naturally also provide comprehensive accessories for the entrance area, giving you maximum freedom of design.



- On-site advice
- On-site entrance mat measuring service (with laser measuring equipment)
- Fitting and laying service
- Repairs
- Environmentally responsible disposal or recycling

How to reach us:
Tel.: +49 591 / 9140 - 501
bau@emco.de
www.emco-bau.com/service

Reference sites

emco – THE PARTNER YOU CAN TRUST

For over 60 years, emco Bau has been developing and manufacturing bespoke entrance matting systems for commercial buildings to the highest quality, safety and environmental standards. emco Bau is one of the leading companies in this field in Germany and Europe.

Deichtorcenter, Hamburg/Germany
MAXIMUS® UNI



Amphia Hospital, Breda/Netherlands
CONFORM



Gelderlandplein shopping centre, Amsterdam/Netherlands
MAXIMUS® UNI



ArabesQ restaurant, Düsseldorf/Germany
MAXIMUS® IMAGE

Product information

ECO? OF COURSE!

LINEA / PRESTIGE / ROYAL /
CONFORM / SCRATCH2

Helping to sustain the environment

The ECONYL® regeneration process converts materials previously regarded as waste into a source of new possibilities for manufacturing emco Clean Offs. Items such as nylon waste from fishing nets which can no longer be used and would otherwise go for disposal is collected and converted into a new yarn. This waste material produces 100 % regenerated yarn which has the same properties as nylon made from virgin raw materials. The ECONYL® Regeneration System project, a highly innovative industrial research and innovation process which is helping to sustain the environment, was started by the Aquafil Group.



Nylon waste which damages the ecosystems is collected ...



... so it can be reprocessed into regenerated polymers.



The result: EA unique new development from the fibre sector for the global preservation of resources.



ECONYL®
ENDLESS POSSIBILITIES

As ECONYL® fibres are regenerated entirely from recycled materials, this removes the need for many of the upstream processes required to manufacture a yarn. ECONYL® regenerated nylon is therefore not only a solution to waste but is also effectively helping to combat climate change. It reduces the greenhouse effect from nylon by up to 80 % compared to materials made from oil.

- positive energy balance from regenerated materials
- OEKO-TEX certification

HYDROTX TECHNOLOGY

ROYAL

HYDROTX
○○○

Nylon pile design absorbs 3x more moisture

Footprints from wet shoes with a profiled sole on the floor beyond the mat often leave entrance areas looking uncared-for in bad weather. HydroTX is a new nylon pile design which has been proven to absorb 3x more moisture in the first few steps.

Moisture often lurks in the grooves in profiled soles. The Royal's special pile design effectively draws this moisture out.

Royal is a special high-traffic Clean Off on the roll with an extremely high moisture uptake which keeps entrance areas as you want them and improves safety.

Special yarns combined with a singular pile design ensure quick and efficient absorption of moisture.

Product information

CLEANING AND CARE INSTRUCTIONS

To enable your Clean Off product to maintain its performance in the long-term and to provide the best possible dirt uptake, please note the following instructions.

1. General cleaning

We recommend daily cleaning: the frequency depends on the level of traffic. We recommend a powerful rotary brush vacuum cleaner. This type of vacuum cleaner with one or two brushes removes the dirt right down to the substrate. The brushes also lift the pile upright again and keep the Clean Off zone "open" to new dirt.

2. Intermediate cleaning

The spray extraction method is perfect for periodic cleaning of your Clean Off zone. First, remove loosely adhering dirt with the brush vacuum cleaner. Then, water is injected under high pressure (with the addition of a detergent if necessary) into the Clean Off zone and subsequently sucked out. Finally, be sure to rinse the covering with clean water. Can intensive cleaning damage your Clean Off zone? No. The specially developed yarn construction, the robust quality inks, and the waterproof backing material have all been designed for frequent and intensive cleaning.

3. Deep cleaning

At certain intervals - depending on the footfall in the Clean Off zone - deep cleaning is necessary. First of all, vacuum up the loose dirt with a brush type vacuum cleaner and then shampoo the Clean Off with a contra-rotating 3-disc machine. Immediately afterwards, rinse and vacuum using a rinsing and vacuum machine. Use a neutral detergent to rinse away grease, oil or chemicals in lukewarm water.

4. High-pressure cleaning

The mat must first be thoroughly cleaned with a vacuum cleaner before starting the high-pressure cleaning process. Next, hang the mat in a suitable location and then you can go to work with a commercial pressure washer. Please ensure an appropriate distance is maintained between the nozzle of the pressure washer and the Clean Off to avoid damage. For preference, let the Clean Off mat hang until it is completely dry.

5. Scrubbing

Please note: only suitable for fully bonded Clean Off zones. Is your Clean Off zone extremely dirty? Then it's time to use a scrubbing machine! However, the first step is to clean the Clean Off with a brush vacuum cleaner. Stubborn dirt (e.g. fats or oils) should be scrubbed regularly at short intervals.

6. Stain removal

Treat stains as early as possible as some substances can cause permanent damage to fibres and inks. How quickly you act will determine how successfully the mat can be cleaned. Nearly 80 % of all fresh stains can be removed with clean water. Sponge off and absorb liquids with a towel. Concentrated, dried-in substances must be loosened (e.g. with a scraper) and brushed out. Water-soluble stains should be remoistened with a little water and sponged off. Please note that stains must be sponged off and not rubbed in. Always work from the outer edges inwards to avoid making the stains bigger. Repeat this process if necessary.

If you are not able to remove stubborn stains using this method, contact us for recommendations of suitable products.

PLEASE NOTE:

Never use solvents based on chlorinated hydrocarbons (tetrachloride)!

Clean Off floor coverings must never be washed in a washing machine.

A wet cleaning method should only be used with caution for Clean Off tiles as water could get into the many seams.

INSTALLATION INSTRUCTIONS

1. Background

You can lay Clean Off products on any prepared surface – provided the surface is sound, load bearing, permanently dry, and flat. Relevant national regulations apply to this work, specifically: DIN 18 365 “Flooring work”, DIN 18 299 “General rules applying to all types of construction work”, DIN 18 202, “Tolerances for building construction”. In Austria, the following apply: ÖNORM B 2232 “Screed work – Works contract”, ÖNORM B 2236 “Laying of indoor floor coverings – Works contract” and 18 202 “Tolerances for building construction”. The following standards apply in Switzerland: SIA Standard 251 (floating floors in interiors) / SIA Standard 253 (floor coverings made from linoleum, plastic, rubber, cork, textiles and wood). Note also the requirements of the BEB (Federal Association of Screed and Floor Covering) data sheet “Assessment and preparation of substrates – heated and unheated floor constructions”. For laying in rooms with no cellar, the substrates in contact with the ground must be sealed on site in accordance with standards for rising damp.

2. Laying

2.1 Laying rolls and mats

All rolls should be laid according to the direction of the arrows on the rear-side coating and in the direction of the primary light source. Seam joints are cut in a double cut or in a single cut from the back. All Clean Off rolls must be bonded individually in the same direction to form a continuous surface. Only rolls from the same batch may be laid next to each other. To avoid problems regarding a possible colour fade, only the outer edges should be placed next to each other. To avoid complaints, we recommend discussing the laying direction, seams and offcuts with the client before laying. Individual rolls or smaller surfaces up to 6 m² and mats can be laid without bonding.

Shrinkage of PVC coverings can be caused by unforeseeable external building-related influences (e.g. ambient atmospheres and temperature). Other influencing factors are inappropriate cleaning or incorrect laying. If you lay a Clean Off on smooth, colour-sensitive substrates, this can lead to discolouration of the substrate. This is particularly the case for marble or other natural stones with an open pore structure, rubber and PVC. Plasticiser migration can be prevented by using our Prima non-slip underlay. Surfaces 6 m² or larger must always be bonded across their whole surface area.

2.2 Laying tiles

Clean Off tiles must be removed from their packaging and allowed to stand for 24 hours to acclimatise. Our Clean Off tiles are suitable for laying without bonding due to the heavy-duty bitumen coating. However, to avoid displacement/slippage of the tiles and the edges lifting during use, we recommend tiles are laid on a self-levelling tackifier. Direction of fibres: the arrow on the reverse of each tile indicates the direction they are to be laid in. Check before laying whether the tiles are to be laid in the same direction or in a chessboard pattern. Underfloor heating: Clean Off tiles provide excellent heat insulation and therefore reduce the performance of underfloor heating. We do not recommend laying tiles on underfloor heating systems.

2.3 Laying on stairs

When laying Clean Off systems on stairs, the edges of the tread must be rounded rather than sharp. The radius of the rounding should correspond approximately to that of a 2-euro coin (radius approx. 1.3 cm) – and must not be less than 1.0 cm. For continuous laying on treads and risers, only use products with synthetic latex coating. Where stair treads have to be covered completely, always use a contact adhesive to prevent the covering shearing away from the tread edge. Make sure that the rear side of the covering is sufficiently roughened for this purpose. The Clean Off should be laid step by step from bottom to top. The tread may only be walked on after the adhesive has completely cured (in accordance with the manufacturer's instructions).

3. Bonding

PVC: Only use suitable dispersion adhesives. Bonding with double-sided adhesive tape is only permitted with Sigan Elements and Sigan Elements Plus. This method is not suitable for bitumen or synthetic latex. Where increased or permanent water absorption is expected (e.g. in entrance areas), 2K adhesives should be used.

Bitumen (tiles): We recommend laying on a self-levelling tackifier. During processing, the guidelines of the manufacturer should be followed.

Synthetic latex: this material must generally be laid with a suitable adhesive across its whole surface area. During processing, the guidelines of the manufacturer should be followed.

Nitrile rubber: Please contact us for details if required.





Technical specifications

	MAXIMUS® VINTAGE MAXIMUS® UNI MAXIMUS® DESIGN	OUTDOOR	CARE CARE SE*	LINEA	PRESTIGE	ROYAL	INNOVA INNOVA TILES*	CONFORM CONFORM TILES*	CONFORM SE	SCRATCH2 SCRATCH2 TILES*
Manufacturing process ISO 2424	tufted	tufted	tufted	tufted	tufted	tufted	tufted	tufted	tufted	tufted
Gauge ISO 2424	1/8"	5/32"	5/32"	5/32"	1/8"	1/8"	5/32"	1/8"	1/8"	1/8"
Pile material ISO 2424	PA	PA (SD)	PA	PA (SD) ECONYL	PA (SD) ECONYL	PA ECONYL	PA (SD)	PA ECONYL	PA ECONYL	PA (SD) ECONYL
Substrate material ISO 2424	Polyester fleece	Polyester fleece	Polyester fleece	Polyester fleece	Polyester fleece	Polyester fleece	Polyester fleece	Polyester fleece	Polyester fleece	Polyester fleece
Backing material ISO 2424	Heavy-duty coating	Heavy-duty coating	Heavy-duty synthetic latex coating*	Heavy-duty coating	Heavy-duty coating	Heavy-duty coating	Heavy-duty bitumen coating*	Heavy-duty bitumen coating*	Synthetic latex	Heavy-duty bitumen coating*
Pile weight ISO 8543	approx. 1,000 g/m ²	approx. 600 g/m ²	approx. 1,005 g/m ² approx. 1,000 g/m ^{2*}	approx. 700 g/m ²	approx. 975 g/m ²	approx. 1,400 g/m ²	approx. 885 g/m ² approx. 850 g/m ^{2*}	approx. 1,200 g/m ²	approx. 1,200 g/m ²	approx. 750 g/m ²
Overall weight ISO 8543	approx. 3,410 g/m ²	approx. 3,200 g/m ²	approx. 3,650 g/m ² approx. 2,200 g/m ^{2*}	approx. 3,500 g/m ²	approx. 3,560 g/m ²	approx. 4,200 g/m ²	approx. 3,430 g/m ² approx. 3,930 g/m ^{2*}	approx. 3,710 g/m ² approx. 4,260 g/m ^{2*}	approx. 2,400 g/m ²	approx. 3,550 g/m ² approx. 3,850 g/m ^{2*}
Pile height ISO 1766	approx. 6.5 mm	approx. 6.5 mm	approx. 4.0 mm	approx. 6.0 mm	approx. 5.0 mm	approx. 9.0 mm	approx. 5.0 mm	approx. 6.0 mm	approx. 5.0 mm	approx. 6.0 mm
Overall height ISO 1765	approx. 9.0 mm	approx. 8.0 mm	approx. 7.5 mm approx. 7.2 mm*	approx. 8.0 mm	approx. 8.0 mm	approx. 11.0 mm	approx. 8.0 mm	approx. 9.0 mm	approx. 8.5 mm	approx. 8.0 mm approx. 9.0 mm*
Tufts ISO 1763	approx. 138,600/m ²	approx. 64,000/m ²	approx. 73,100/m ² approx. 78,120/m ^{2*}	approx. 92,000/m ²	approx. 141,730/m ²	approx. 148,000/m ²	approx. 75,590/m ²	approx. 132,280/m ²	approx. 132,280/m ²	approx. 116,000/m ²
Resilience value EN 1307	33	33	33	32	32	33	33	33	33	33
Comfort class EN 1307	LC4	LC1	LC3	LC2	LC4	LC4	LC3	LC4	LC4	LC3
Suitable for castor chairs EN 985	yes	no	yes	no	yes	no	yes	yes	yes	no
Suitable for stairs EN 1307	yes	yes	yes	no	yes	no	yes	yes	yes	no
Fastness to light ISO 105-B02	≥ 5	≥ 7	≥ 5	≥ 6	≥ 5	≥ 6	≥ 5	≥ 5	≥ 5	≥ 7
Friction resistance dry & wet ISO 105-X12	≥ 4	≥ 4-5	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4-5
Fastness to water ISO 105-E01	≥ 4	≥ 4-5	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4-5
Electrostatic charge ISO 6356	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV
Slip resistance EN 13893	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS
Flammability EN 13501-1	B _{fl} -s1	C _{fl} -s1	C _{fl} -s1	B _{fl} -s1	C _{fl} -s1	B _{fl} -s1	C _{fl} -s1 B _{fl} -s1*	C _{fl} -s1 B _{fl} -s1*	C _{fl} -s1	B _{fl} -s1
CE marking EN 14041 (rolls and tiles) CE										

Please note:

All information and data in this brochure are in accordance with our knowledge at the time of printing. We can accept no liability for incomplete, incorrect or unusable information in individual cases.

In the case of velours, in rare cases, permanent shading may occur. As the cause of such shading is not due to the material or its design, and it remains fit for purpose, we cannot offer any guarantees in such cases.

Any differences between the images of swatches and patterns in this brochure and the original colours of our designs are attributable to the printing process. We cannot accept any claims resulting from such differences.

Subject to technical modifications. As of 01/2021

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A member of the

