

- Exterior entrance
- Primary entrance
- Side entrance
- Clean-off matting



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Expansion joint cover systems

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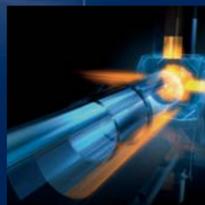
Wall, corner and door protection

c|spedisystems®



Entrance flooring systems

w|attohm®



Technical profiles and plastic tubes

w|attolene®



Extruded polystyrene sheets

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Lighting appliances

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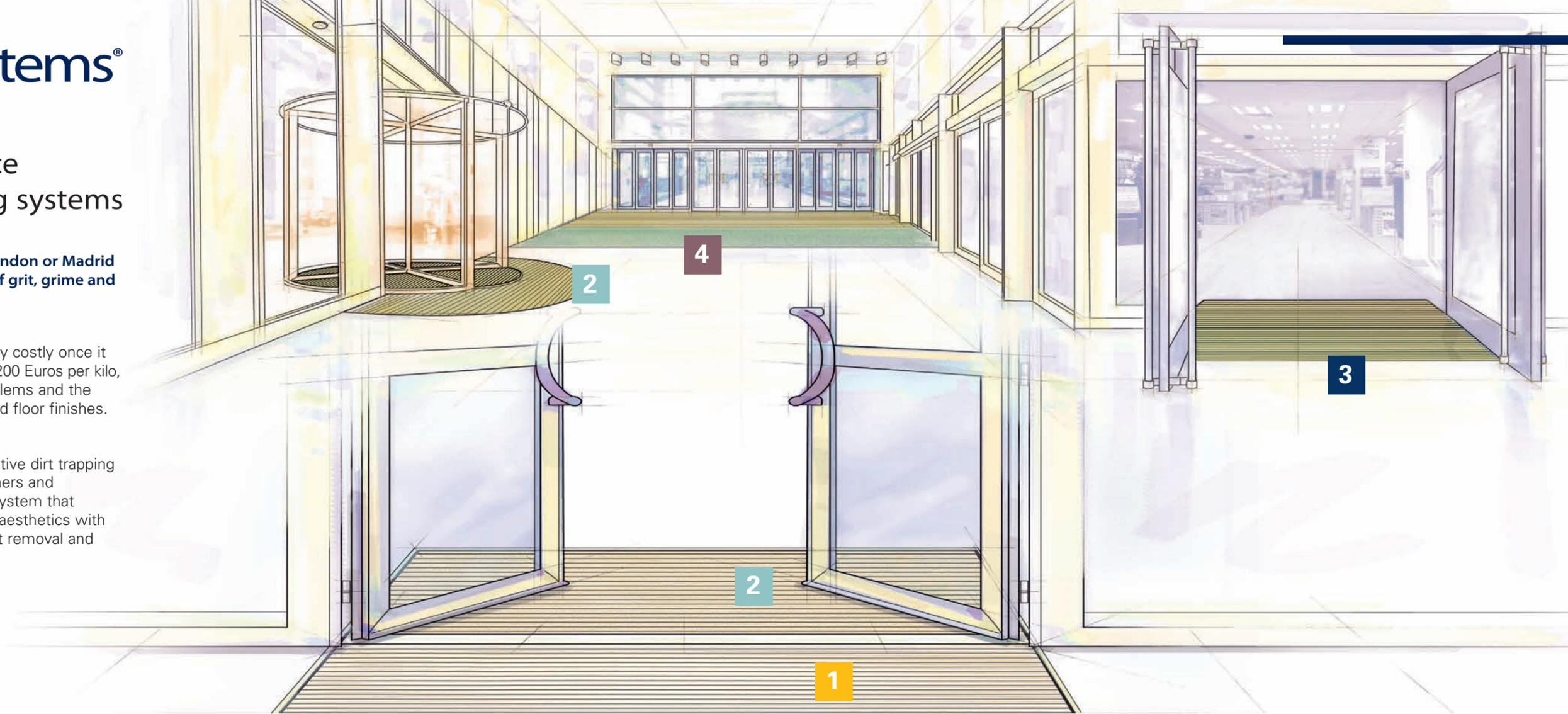
Sun controls

high performance entrance flooring systems

In major cities such as Paris, London or Madrid the daily atmospheric fallout of grit, grime and soot is estimated at 30 tonnes.

Removal of dirt can be extremely costly once it has entered the building, up to 1200 Euros per kilo, not to mention appearance problems and the damaging abrasive effect on hard floor finishes.

c|spedisystems®, our highly effective dirt trapping architectural systems, offer owners and specifiers an entrance flooring system that optimises design, flexibility and aesthetics with the industry's most effective dirt removal and containment system.



1 Exterior and Primary Entrance flooring

- First and foremost dirt removal and containment barrier.
- Efficient removal of dirt, mud, grime, slush and initial moisture before entering the building.
- Extremely tough wearing and weather resistant.
- Designed to retain an excellent appearance under difficult weather conditions and with high pedestrian traffic.
- Easily adapts to the most complex architectural designs.
- Its open construction permits optimum dirt hiding and retention, thus reducing cleaning cycles.
- Perfectly combines with c|spedisystems® interior flooring systems for complete entrance flooring solutions.

2 Interior main entrance flooring

- Removes and collects dirt immediately inside a building.
- c|spedisystems® performance textiles provide for optimum moisture removal.
- Easily adapts to even complex building entrance designs, such as revolving doors, curved entrance areas, etc.
- Maintains its appearance over time.
- Combines perfectly with other c|spedisystems® flooring components for complete entrance flooring solutions.

3 Secondary/Side Entrance flooring

- Highly efficient and cost effective dirt containment barrier for moderate volume of traffic and secondary or side entrances of buildings.
- Rolls up for easy maintenance and cleaning.
- Can be installed with or without the use of a matwell.
- Combines perfectly with other c|spedisystems® flooring components for complete entrance flooring solutions.

4 Clean-off carpet

- Cleans and dries the soles of shoes and tyres of wheeled traffic beyond zone 1,2 or 3.
- Prevents dirt tracking from soiled to clean environments within a building.
- Its high twist and heat set construction enhances durability.
- Its open construction and granite pattern conceal dirt efficiently between cleaning intervals ensuring appearance retention even under heavy traffic.
- Combines perfectly with other c|spedisystems® flooring components.



c|spediguard® 8-9



c|spedigrid® 10-11



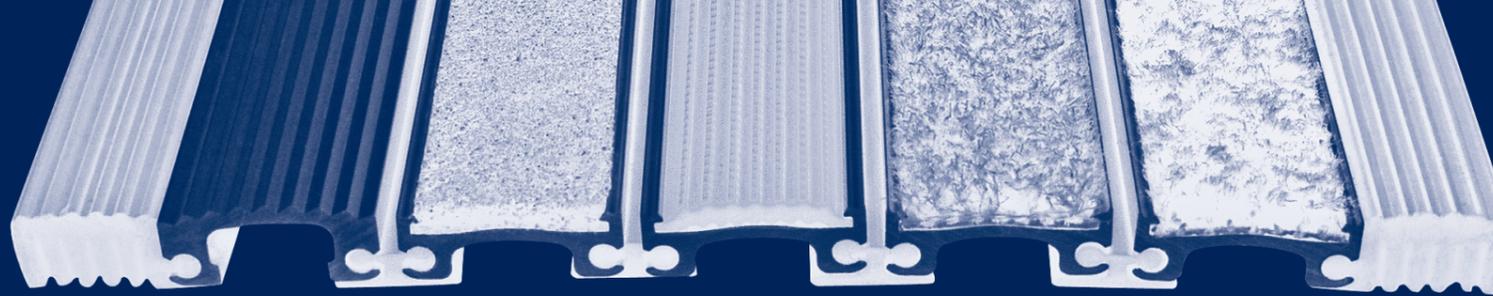
c|spediluxe® 12-13



c|spedimat® 14-15



c|spediflex® 16-17

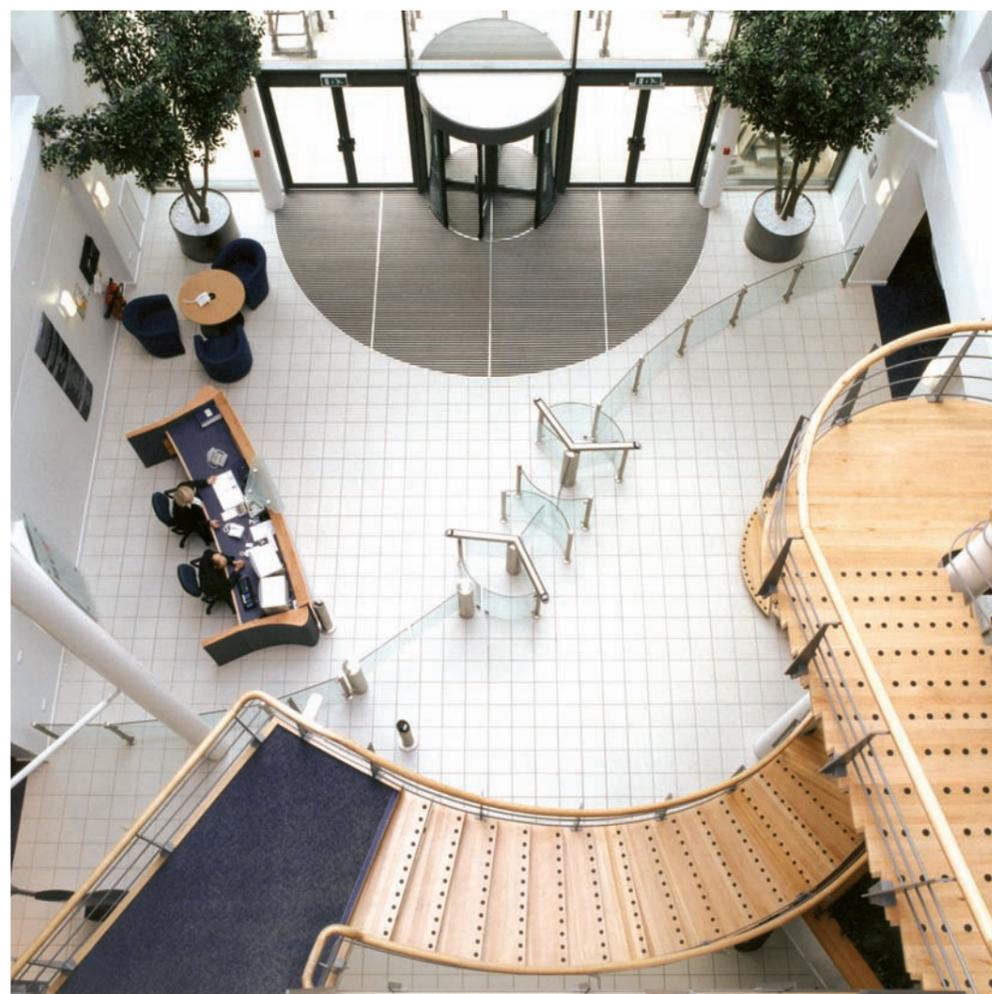


Market leading aesthetics and performance.

c|spedisystems® became the market's leading dirt removal and containment systems by offering a unique combination of design flexibility and aesthetics with unrivalled performance.

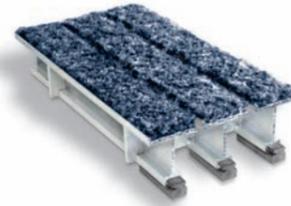
c|spedisystems® stand out for their efficient performance in retaining soil and moisture, hard wearing durability, cost saving ease of maintenance, while providing great looking architectural solutions.

By specifying c|spedisystems® for the exterior and interior of main entrances, side entrances and transit areas where people move from a soiled to a clean environment, specifiers and owners will benefit from the appearance and performance of the industry's most effective dirt trapping architectural system.



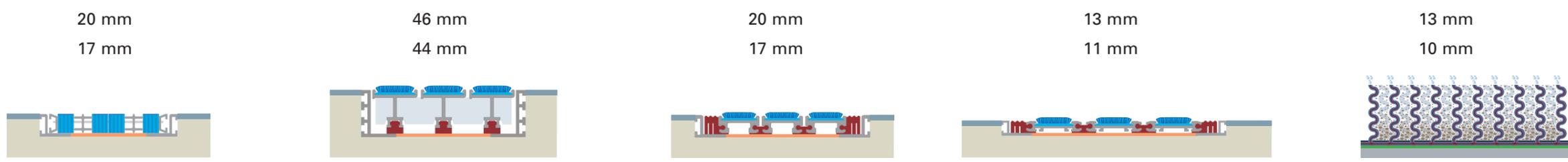
shopping centres, superstores, airports, office buildings, hospitals, medical centres, elderly residences, ambulatories, hotels, museums, colleges, offices, sport centres, swimming pools, universities, banks, warehouses, train stations, conference centres, cinemas, shops, etc.

8-9	c spediguard®	10-11	c spedigrid®	12-13	c spediluxe®	14-15	c spedimat®	16-17	c spediflex®
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- Cost index**
- Scraping performance**
- Drying performance**
- Absorption area**
- Pedestrian traffic**
- Rolling Load (1dm²)**
- Recommended application areas**
- Frame options**
- Tread options**
- Frame depth**
- Product thickness**

Cost index	120	90	100	95	30
Scraping performance	Very high	High	High	High	High
Drying performance	Very high	Very high	Very high	High	Very high
Absorption area	70%	85%	85%	65%	100%
Pedestrian traffic	Extreme	Very high	Very high	High	Medium
Rolling Load (1dm²)	650 kg	165 kg	150 kg	225 kg	Low
Recommended application areas	High traffic areas with rolling loads, such as in airport terminals, superstores, train stations, etc.	High traffic main entrances; provides a very high dirt containment capacity	Shopping centres, office buildings, hospitals, superstores	Shops, side entrances, low to medium traffic areas; entrances with no matwell	In combination with other c spedisystems® flooring systems and/or where additional cleaning and drying action is required
Frame options	Ramped frame	Recess mounted frame capping section T-Frame	Recess mounted frame capping section Ramped frame allows	Recess mounted frame Ramped vinyl frame Carpet edge	Flat carpet edging Ramped vinyl trim Carpet edge trim and frame
Tread options	Vinyl Textile	Carpet Vinyl Abrasive Serrated	Textile inserts Vinyl inserts Abrasive inserts Serrated aluminium treads	Textile inserts Vinyl inserts Abrasive inserts	



- CARPET INSERTS** Please consult our full sized colour chart on page 20
- VINYL INSERTS**
- ABRASIVE INSERTS**

cspediguard® extreme performance for interiors & exteriors



▲ Public market entrance protected with textile cspediguard® profiles in open construction and recess installed.



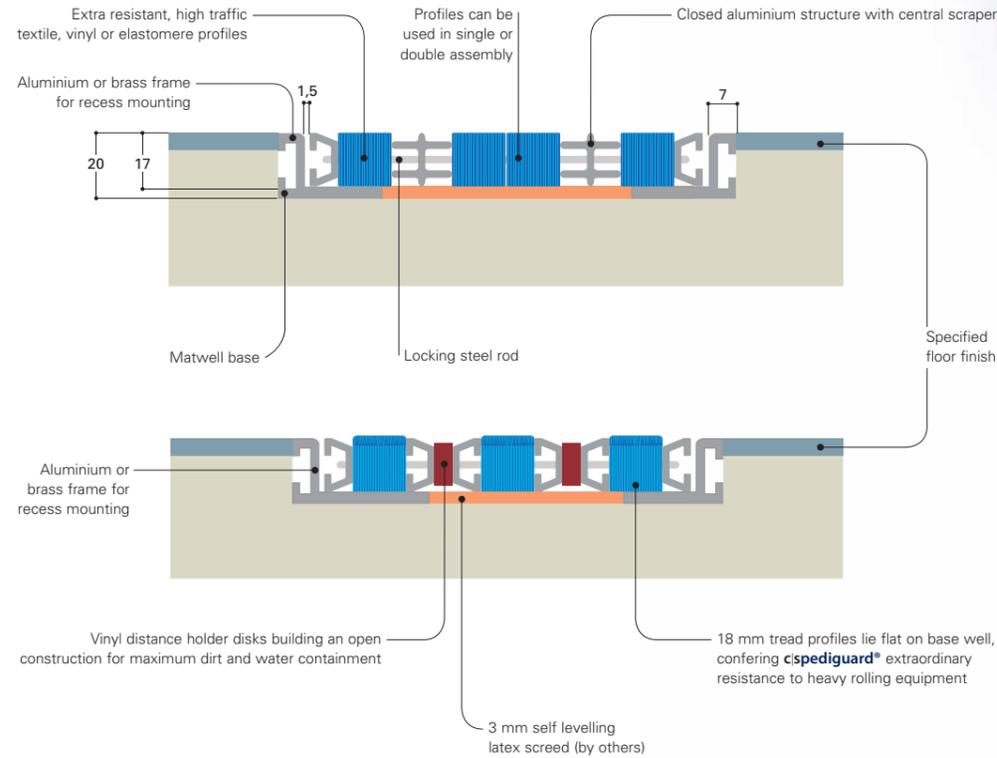
▲ Concert Hall with all year through intense pedestrian traffic protected with double, textile cspediguard®

The hardest wearing entrance flooring system. cspediguard® is a 18 mm deep custom manufactured construction and without a doubt the toughest flooring system money can buy. It offers the highest grade of stability and resistance to wear, supporting even heavy mechanised rolling traffic of over 650 kg/wheel, while constituting an extremely versatile and effective barrier to the infiltration of soil and moisture into buildings.

cspediguard® offers exclusive and personalised design options associating hard wearing textile, vinyl or elastomere profiles with an open or closed construction and recess or surface mounted installations.

Ideally used for day/night, all year through intensively used public areas: shopping centres, airport and train terminals, superstores, hotels, etc.

120 VERY HIGH VERY HIGH 70% EXTREME 650 KG EN-FIRE RATING EN 13 501-1



Tread options



Vinyl

- Vinyl profiles provide excellent scraping, are suitable for exteriors and are very easy to maintain and clean.



Pediguard CV
Single Vinyl/closed aluminium



Pediguard TV
Double Vinyl/closed aluminium



Pediguard CVA
Single Vinyl/"fall through" structure



Pediguard TVA
Double Vinyl/"fall through" structure



Textile

- Textile profiles constitute a very effective dirt containment barrier for interiors through the thorough drying and dirt trapping of its textile fibres.



Pediguard CT
Single Textile/closed aluminium



Pediguard TT
Double Textile/closed aluminium



Pediguard CTA
Single Textile/"fall through" structure



Pediguard TTA
Double Textile/"fall through" structure

Fire Rating



C_{fl} - s1

Frame options

- cspediguard® CT has been certified according to the European Standard EN 13 501-1 with a reaction to Fire Classification C_{fl} - s1

Frame options

- The cspediguard® ramped frame allows C/S Pediguard® to be installed on any floor surface and without the need of a matwell.



Ramped frame



Closed aluminium structure with central scraper

Treads are very easy to clean, keeping maintenance costs to a minimum



Heavy duty design to resist extremely high volumes of traffic

Continuous, solid treads offer unsurpassed resistance to heavy, rolling equipment, making cspediguard® ideal for airport terminals, shopping centres, hospitals, etc.

c|spedigrid® the high capacity dirt barrier for exteriors & interiors



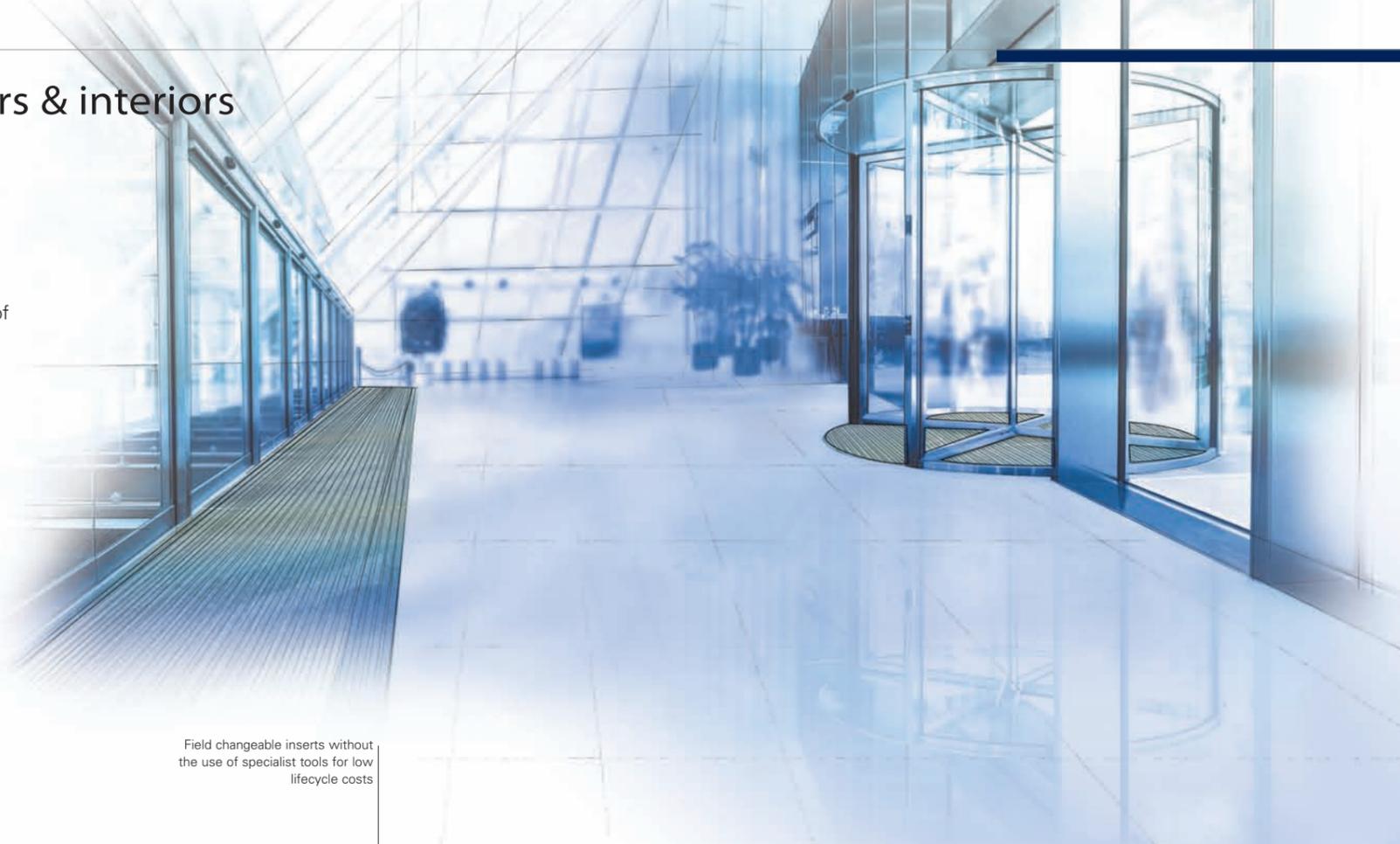
▲ Revolving door and interior entrance area of Corporate head quarters protected with circular shaped c|spedigrid® grids.



▲ An arrangement of serrated c|spedigrid® aluminium treads make up a stylish step for an open air terrace.

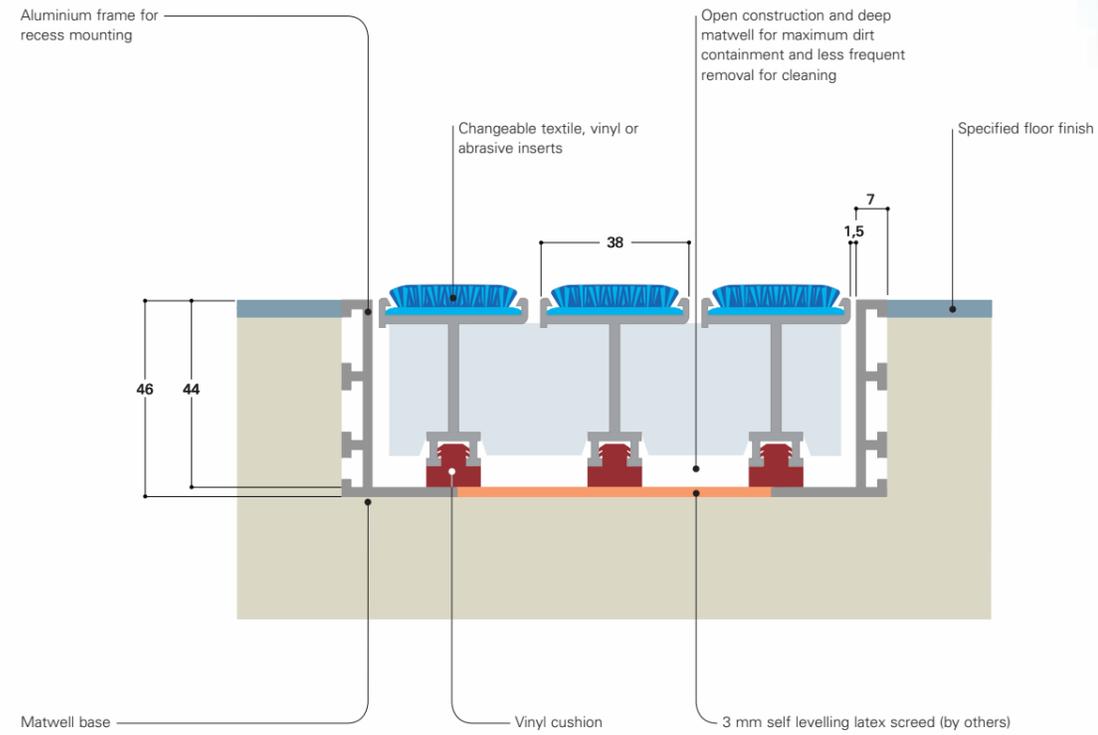
The high capacity dirt barrier that always maintains its appearance. Designed exclusively for recessed installations c|spedigrid® is a system of removable grid sections that allow large volumes of water, snow, dirt, salt, slush and other waste to fall between the heel proof treads into a drainable well of a generous 44 mm depth, giving c|spedigrid® an obvious advantage in reduced cleaning and maintenance, even with intense pedestrian traffic.

c|spedigrid® is the recommended floor protection system for buildings used by high volume of pedestrian traffic: passenger terminals, shopping centres, superstores and hospitals.



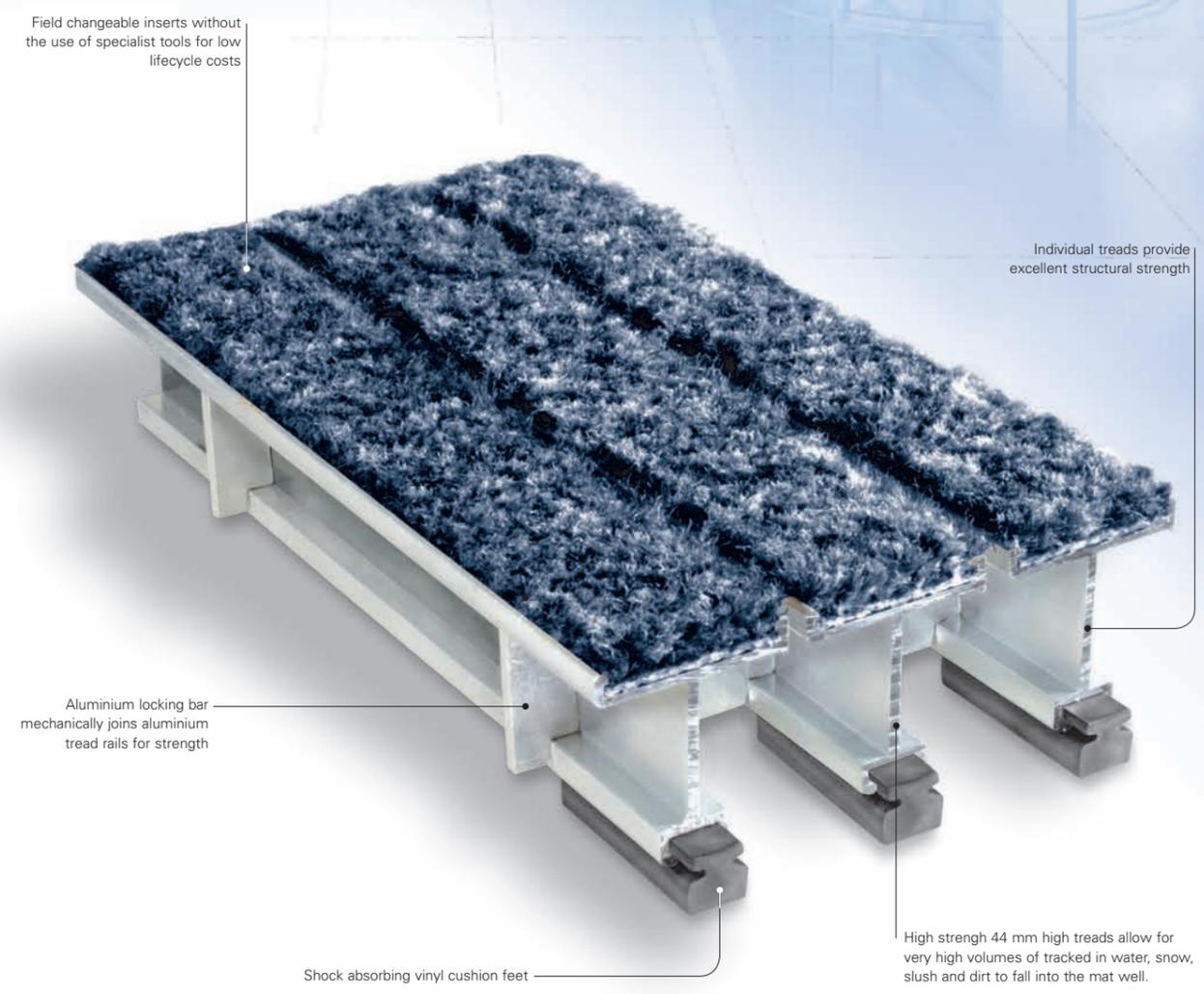
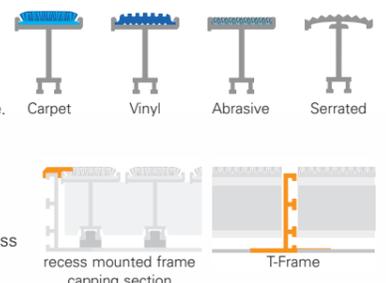
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- 90
- VERY HIGH
- VERY HIGH
- 165 KG
- 85%
- HIGH



- Tread options**
 - Textile inserts provide for very thorough cleaning and drying,
 - Vinyl inserts are easy to clean and offer effective scraping,
 - Abrasive inserts combine effective scraping with best surface adherence in even the most adverse climatic conditions,
 - Serrated aluminium treads provide superb scraping for minimum maintenance.
- Frame options**
 - The c|spedigrid® T-Frame is used to divide large installations into sections or achieve specialist entrance flooring designs.
 - The c|spedigrid® recess mounted frame capping section clips onto the recess mat well frame offering a superior finish.
- Colour options**

The c|spedigrid® textile, vinyl and abrasive inserts are available in an attractive range of colours to match design specifications and allow for creative and stylish architectural solutions.



Please consult our full sized colour chart on page 20

cspediluxe® versatility and performance



▲ **Exhibition centre.** Extra large entrance flooring system contributing with ongoing cleaning of entry/exit zones during exhibitions.



▲ **Banking centre.** An effective dirt barrier built by combining cspedigrid® in revolving doors with cspediluxe® in the interior.

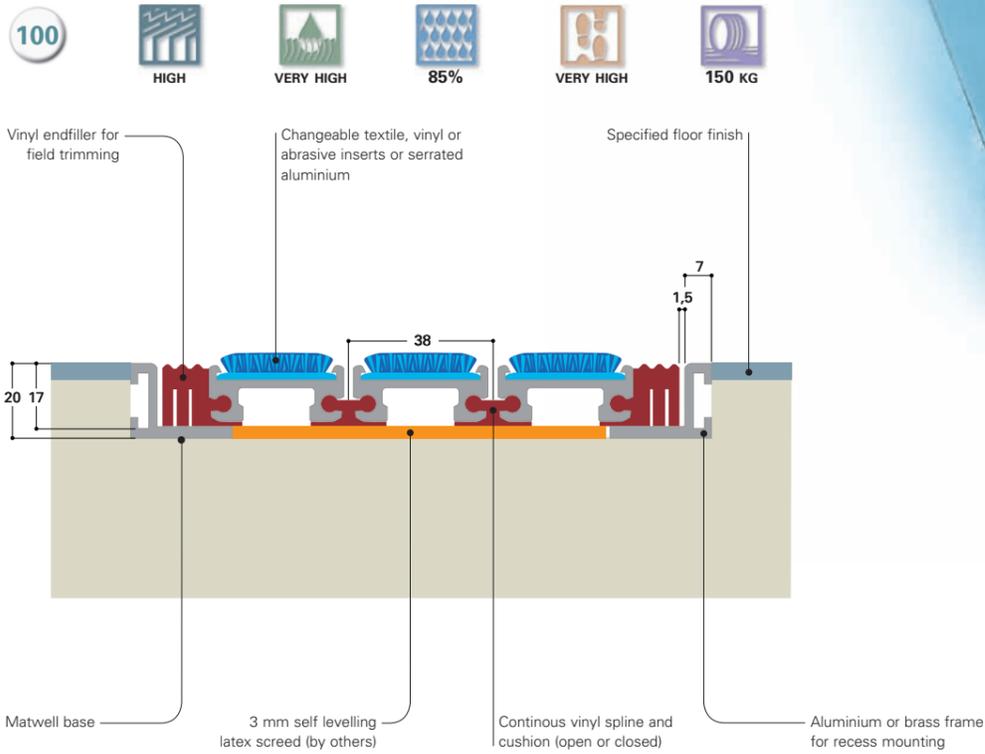


▲ **Corporate head quarters.** Large exterior walk-off zone combined with cspediluxe® in the interior of revolving glass door.

Versatility and functionality at its best. cspediluxe® is the most versatile of all the aluminium profile systems. It combines rugged construction with a luxury “feel” underfoot and enough tread and colour options to satisfy the most discerning specifier.

The exceptional design of cspediluxe® and its eye-catching elegance make it a universally applicable entrance floor cleaning system, suitable for high volume areas such as shopping centres, hospitals and busy office buildings to a multitude of other applications.

cspediluxe® features an open or closed vinyl spline, which either allows waste to drop through or to be retained in deep channels between the rails. For quick and easy installation its 17 mm depth fits directly into most existing mat wells.



Tread options

- Patented high performance **Textile inserts** provide for most thorough cleaning and drying.
- **Vinyl inserts** are easy to clean and offer effective scraping.
- **Abrasive inserts** combine effective scraping with best surface adherence in even the most adverse climatic conditions.
- **Serrated aluminium treads** provide superb scraping at lowest maintenance.

Frame options

- The cspediluxe® recess mounted frame capping section screws onto the recess mat well frame offering a superior finish.
- The cspediluxe® ramped frame allows cspediluxe® to be installed on any floor surface and without the need of a matwell.

Colour options

The cspediluxe® textile, vinyl and abrasive inserts are available in an attractive range of colours to meet specifications and allow for stylish architectural solutions.



RAILS AND FRAMES



Please consult our full sized colour chart on page 20

cspedisystems® INTERIOR MAIN ENTRANCE FLOORING

cspedimat® the most universal flooring system



▲ **Show room.** Entrance of a luxury car show room protected with **cspedimat®** in a horizontal and vertical arrangement

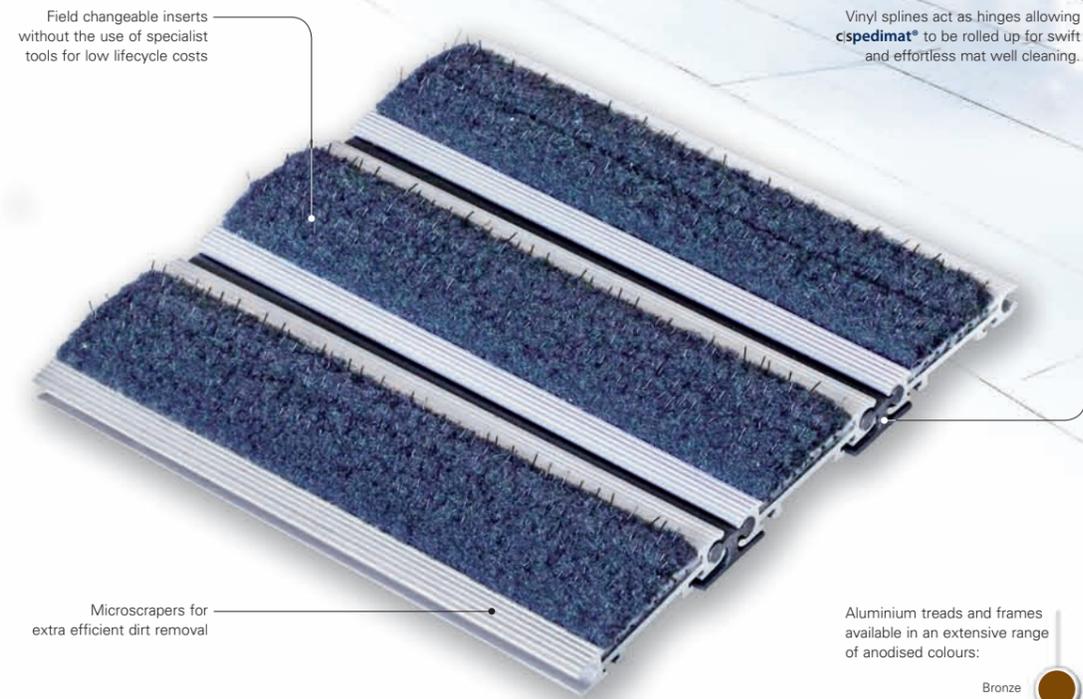
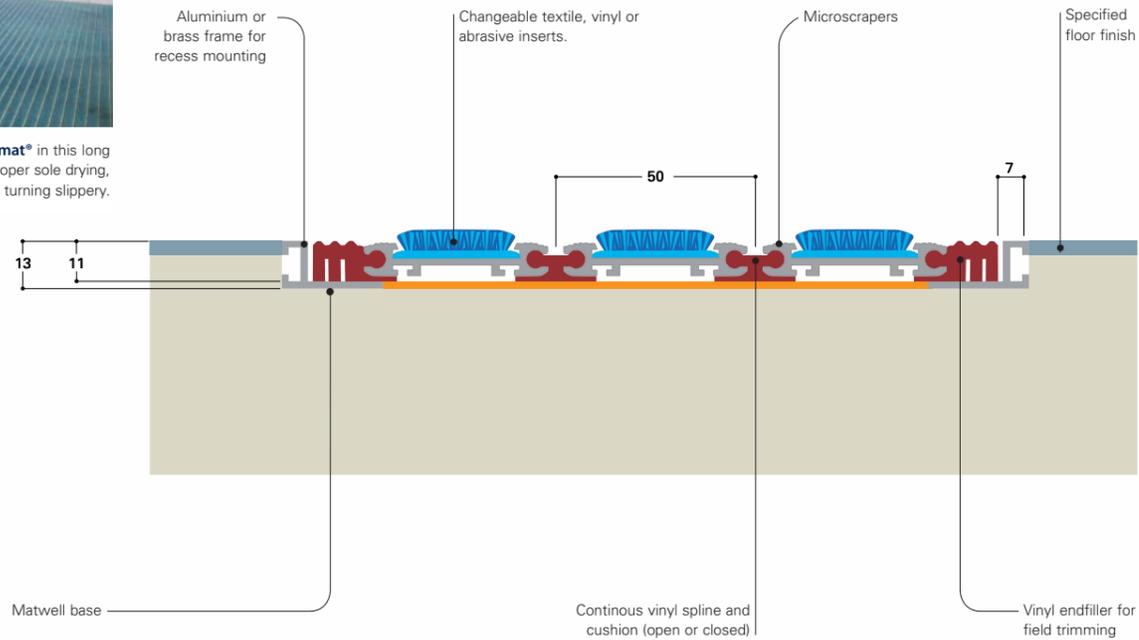


▲ **Office building.** **cspedimat®** in this long entrance area ensures proper sole drying, avoiding ceramic hard floors turning slippery.

The most universal decorative protection. **cspedimat®** is the perfect entrance flooring solution for buildings in moderate use such as offices, shops, hotels, banks and buildings societies and where colour, design and budget specification are often as critical as dirt stopping capabilities and its ease of maintenance.

cspedimat® can be recessed or surface mounted, either in a ramped frame or to butt level with a surrounding carpet. Textile, vinyl or abrasive tread infills can be specified individually or in combination, along with our unique open or closed vinyl spline, which either allows waste to drop through or to be retained in channels between the rails. With either option **cspedimat®** rolls up for easy under-cleaning and maintenance.

- 95
- 
HIGH
- 
HIGH
- 
65%
- 
HIGH
- 
225KG



Colour options

cspedimat® textile, vinyl and abrasive inserts are available in an attractive range of colours to meet specifications and allow for stylish architectural solutions.

Frame options

- 

- The **cspedimat®** recess mounted frame capping section screws onto the recess mat well frame offering a superior finish.
- 

- The **cspedimat®** ramped frame allows **cspedimat®** to be installed on any surface and without a matwell.
- 

- The **cspedimat®** ramped vinyl frame allows **cspedimat®** to be installed in minutes and without a matwell.
- 

- The **cspedimat®** Carpet edge trim neatly joins the **cspedimat®** entrance flooring system with carpet flooring.

Tread options

- 

- Patented high performance **Textile** inserts provide for very thorough cleaning and drying.
- 

- Vinyl inserts are easy to clean and offer effective scraping.
- 

- Abrasive inserts combine effective scraping with best surface adherence in even the most adverse climatic conditions.

- Aluminium treads and frames available in an extensive range of anodised colours:
-  Black
 -  Clear
 -  Mill
 -  Bronze
 -  Burgundy
 -  Gold

- CARPET INSERTS
-  Espresso
 -  Aqua
 -  Indigo
 -  Castle Grey
 -  Graphite
- VINYL INSERTS
-  Silver grey
 -  Gunmetal grey
 -  Black
 -  Forest green
- ABRASIVE INSERTS
-  Grey
 -  Black

Please consult our full sized colour chart on page 20

c|spediflex® high performance clean-off carpet

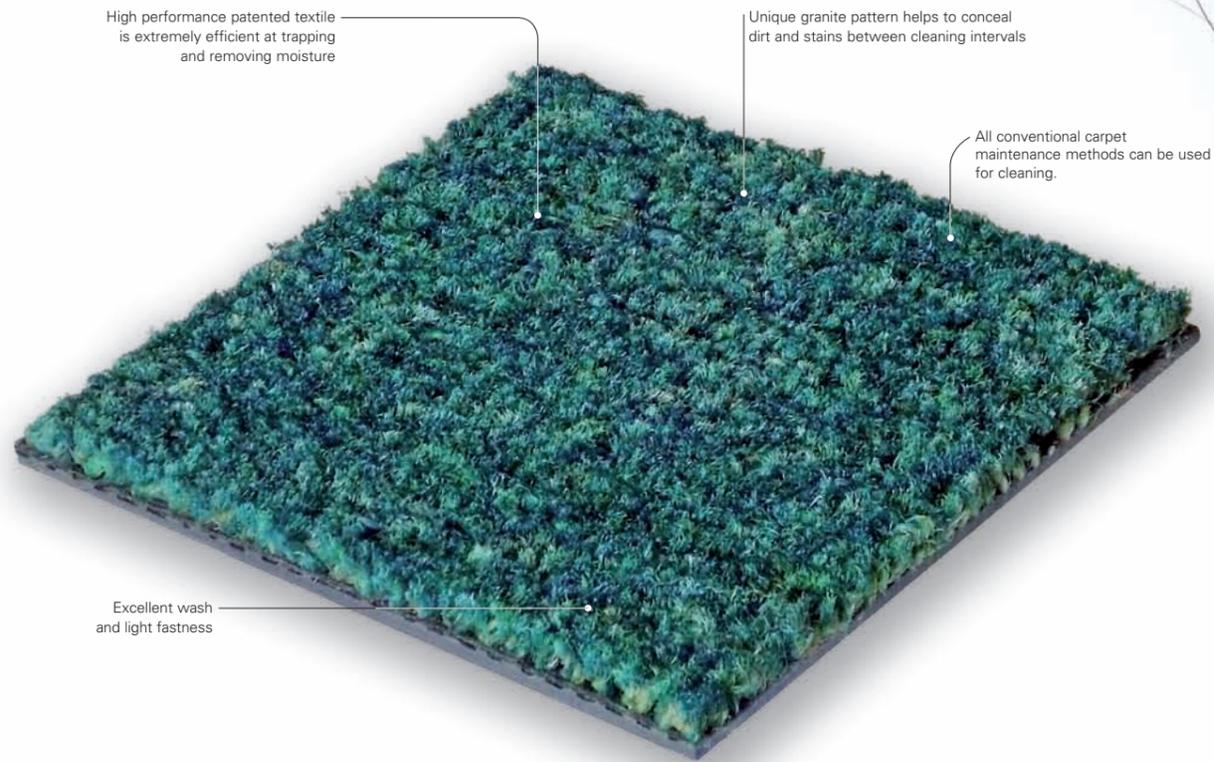


The most universal decorative protection. c|spediflex® clean-off carpet is a 10 mm thick, fire rated vinyl (VFR) backed textile matting that has been specially developed by the C/S GROUP using a patented high twist and heat set combination of top quality polyamide 6.6 mono and multifilament yarns.

c|spediflex® clean-off carpet is extremely efficient at removing and trapping moisture as well as holding more dirt than more densely constructed products, providing the optimum solution to secondary entrance flooring needs.

▲ **Office building.** Stylish architectural design through the combination of different types of ceramic hard floors with c|spediluxe® and c|spediflex® entrance flooring systems.

30



High performance patented textile is extremely efficient at trapping and removing moisture

Unique granite pattern helps to conceal dirt and stains between cleaning intervals

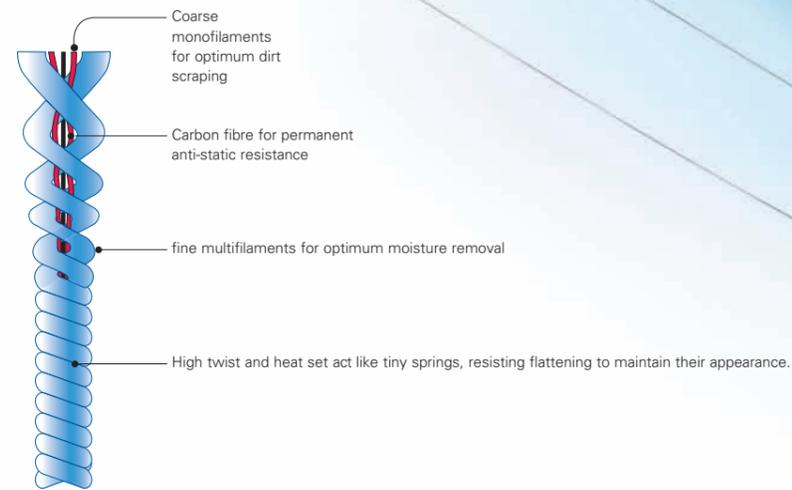
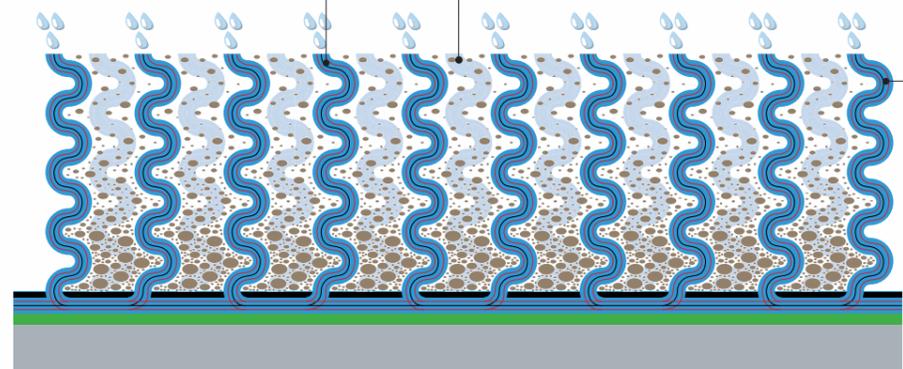
All conventional carpet maintenance methods can be used for cleaning.

Excellent wash and light fastness

The high twist and heat set fibres act like tiny springs, resisting flattening to maintain their appearance.

Open construction for high dirt containment and improved moisture evaporation

Polyamide 6.6 fibres for added durability and water absorption



Coarse monofilaments for optimum dirt scraping

Carbon fibre for permanent anti-static resistance

fine multifilaments for optimum moisture removal

High twist and heat set act like tiny springs, resisting flattening to maintain their appearance.

Frame options

- c|spediflex® aluminium frame for recess mounting

- c|spediflex® ramped vinyl trim

- c|spediflex® carpet edge trim and c|spedimat® frame

Colour options

Please consult our full sized colour chart on page 20



c|spedisystems® CLEAN-OFF CARPET

cspedisystems® high performance textiles employed throughout our complete range of architectural dirt trapping systems are the envy of our competitors. There are several good reasons why our high performance textiles make cspedisystems® the best solution available money can buy.

Main Features

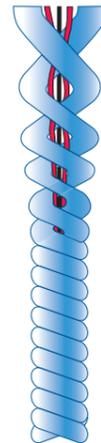
Performance

Ease of maintenance

Appearance

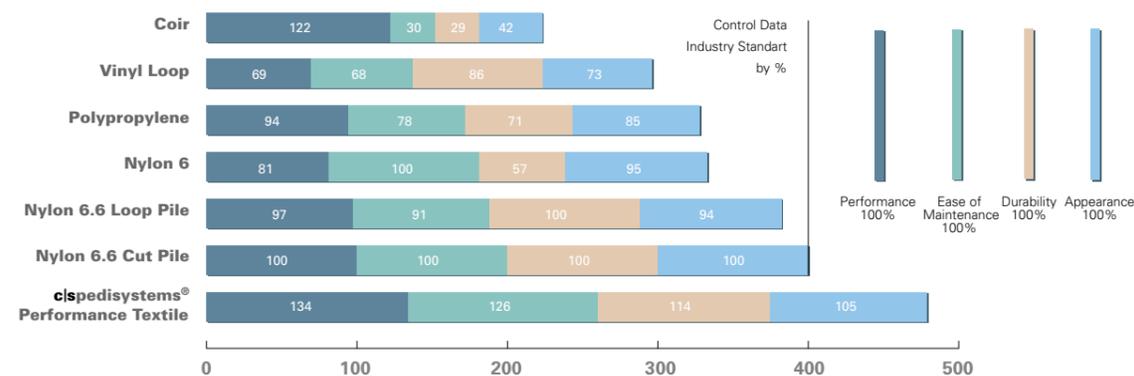
Durability

- cspedisystems® high performance textiles remove dirt and moisture like no other textile on the market.
 - **Optimum scraping** action through stiff monofilaments
 - **Optimum drying** through fine multifilaments
 - **Permanent antistatic resistance** through carbon fibres
 - **Optimum dirt hiding and retention** through open construction
 - **Outperforms** all traditional entrance flooring materials
-
- **Easy dirt removal thanks to** open textile construction
 - **Field changeable inserts** without the need of specialist tools
-
- **Resist flattening** as high twist and heat set tufts act like tiny springs
 - **Appearance retention** as open construction and granite pattern help to hide dirt between cleaning intervals
-
- **Constructed from nylon 6.6**, the most durable yarn on the market
 - **Enhanced durability** through high twist and heat set construction



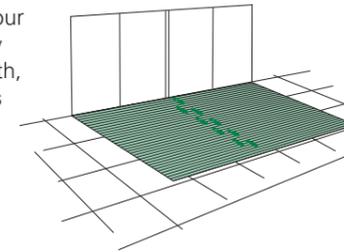
<p>▲ cspediguard® performance textile Open construction releases dirt easily during cleaning</p>	<p>▲ Conventional cut pile textile Holds less dirt and is fairly difficult to clean due to dense construction meant to prevent flattening.</p>	<p>▲ Loop pile textile Dirt can become trapped beneath the loops making it very difficult to clean.</p>
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Functional Comparison



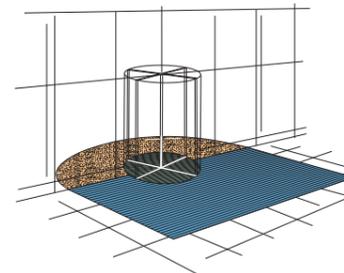
1. Length of entrance flooring systems

In order to effectively remove dirt and prevent floors from becoming dangerously slippery, an entrance flooring solution has to provide for an optimum walk-off length. Four foot falls or 2 m is generally the minimum required length, however climatic conditions and traffic load should be taken into account when sizing the flooring system.

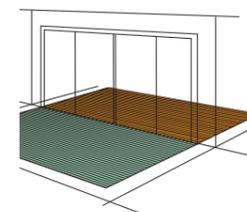


2. Combined entrance flooring solutions

All cspedisystems® flooring mats can be freely combined into an overall entrance flooring solution that not only provides for optimum moisture removal and dirt containment in accordance with climatic conditions and traffic load but also meets the aesthetic requirements of virtually any architectural design.



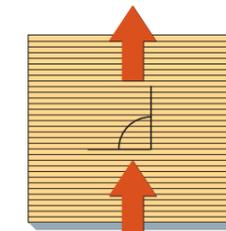
▲ Perfectly integrated and leveled entrance solution combining exterior and interior flooring mats with clean-off carpet.



▲ Great design and unrivaled entrance solutions can be achieved by combining different flooring mats, finishes and colours.

3. Traffic direction

For maximum effectiveness the entrance flooring systems has to be planned and installed perpendicular to the main traffic direction. Please consult for multidirectional solutions.



4. How to order a matting solution.

The following information has to be specified when ordering one of our entrance flooring solutions:

- 1 Supply of technical drawing of the entrance matting systems together with exact measurements of width, length, radius, etc.
- 2 Indication of main traffic flow direction.
- 3 Choice of matting system, surface type and colour.
- 4 Specification of desired frame solution.
- 5 Specification of matwell or surface mounted installation.
- 6 For cspedimat® or cspediluxe® systems please specify open or closed splines.

COMPLEMENTARY INFORMATION AND GENERAL CONDITIONS

Design. All cspedisystems® entrance flooring systems can be used as single mats/grids, or in multiples to form larger sectional installations.

Where sectionalised designs are necessary, an aluminium dividing strip is used where mats/grids butt together. In any large entrance areas and in the interest of appearance and safety, sections should be designed so as not to butt together in the central walkway, where traffic is heaviest.

Door positions and general flow of pedestrian traffic should be clearly indicated on plans, so that mats can be correctly manufactured and installed to gain optimum economy, appearance and wear.

It is advisable to allow a minimum of four foot falls or equivalent of 2m in the main traffic direction for the treads to remove dirt and water dependent on exact situations and conditions at the entrance.

Daily maintenance. Vacuum daily with a powerful suction machine fitted with rotating brushes. The brushes will agitate the pile, loosening the soiling which is then removed by the suction action.

Vinyl, abrasive and serrated insert options can be enhanced by regularly cleaning with a damp mop and a low foaming detergent.

Periodic maintenance. If the matting has open splines or is cspedigrid® or cspediguard® dirt will fall through the slots in the mat into the matwell. For cleaning the mats will need to be lifted periodically. The frequency of this cleaning routine depends on the volume of traffic, climatic conditions and location of the entrance, but as a general rule the mats should be lifted weekly in heavy traffic areas.

In high traffic areas the matting should be deep cleaned four to six times a year with more of the cleaning undertaken in the winter months. Deep cleaning is carried out using a water spray extraction method whereby water is sprayed into the carpet pile, agitated and then extracted along with the soil or by a dry cleaning method whereby a dry cleaning compound is brushed into the pile where it binds to the soil and is vacuumed out.

Water temperatures should not exceed 60°C and detergents should be used sparingly. Only chemicals suitable for cleaning carpets should be used following strictly the manufacturers instructions.

Installation. Matwells must be flat and levelled for the mat to rest evenly on the matwell base. An even matwell surface can be obtained by levelling with mortar or 2mm self levelling latex screed.

Damage repair. If carpet, vinyl or abrasive tread inserts become worn, damaged or a change of colour scheme is required, the individual inserts can easily be field replaced. In the unlikely event of rails being damaged they also can be replaced thus saving the cost of total replacement.

Samples of cspedisystems®. Samples of all entrance flooring systems and insert types are available on request from the Company or your local sales representative.

Information. C/S FRANCE reserves all rights to change or modify the characteristics of its products, withdraw products or any design without prior notice.

The information included in this catalogue is for information only.

Warranty. The C/S FRANCE warrants cspedisystems® products sold to be free from any defects in materials or workmanship when properly applied and installed.

If a valid claim for a defective product covered by this limited warranty is made to the Company during the first 12 months following shipment of material, the Company will replace or repair it free of charge.

The liability of the Company under this warranty is limited to repair or replacement and does not include any responsibility for consequential, incidental or other damages of any nature.