

DESIGN OPTIONS

The C/S Pedisystems® range allows for creating endless bespoke styles for your entrance mat.

All shapes and sizes can be created with our frames



Radius rails



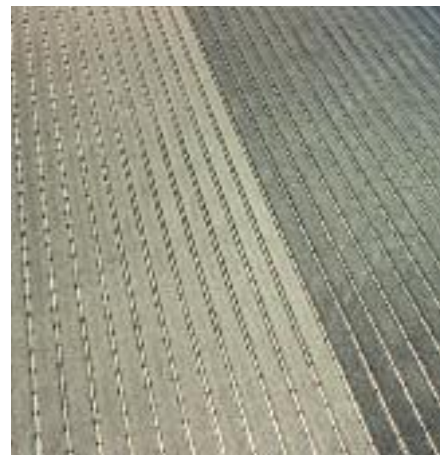
Create chequerboards for multi-directional entry patterns



Intersperse smaller matwell strips with the surrounding floor finishes for a uniquely integrated mat



Mix and match tread styles and colours



The possibilities are endless...
Go bespoke, go C/S Pedisystem design

PEDIJET™ LOGOS AND TRADEMARKS

Branding is the principle method by which a business communicates with its customers. On entering a building, the first thing to catch most visitors' eyes is the entrance flooring system, and for many businesses, the idea of including branding in this area is something they have practised for years.

In recent years there have been huge advances in the production process of entrance flooring system logos. The latest technology provides a printing method combining the benefits of both design precision and product performance - key elements when choosing a customised entrance flooring system.

C/S Pedijet™ is an inkjet system that is able to produce near photo-quality images on top quality carpet for the first time. Fine definition can be achieved using lines as thin as 5mm.

The system uses virgin carpet which allows the ink to penetrate all the way through the fibres, producing a logo that will last as long as the carpet itself.



Vite, London



X-Scape, Milton Keynes

LEGISLATION

Current legislation applicable to Entrance Flooring Systems includes the following:

BS 7953: 1999: Entrance flooring systems – Selection, installation and maintenance

4. Functions

...The function of the entrance flooring system is to:

- ✓ reduce the incidence of slipping accidents by reducing the amount of soil and moisture tracked onto hard and resilient floors
- ✓ prolong the life of interior floors by reducing the ingress of abrasive soil
- ✓ reduce cleaning requirements of internal floors by reducing the ingress of soil into the interior floors/floor coverings

To fulfil these functions an entrance flooring system should have the following qualities:

- ✓ removal and retention of soil
- ✓ ease of cleaning and maintenance
- ✓ retention of physical characteristics

5. Materials

5.1 General

...The entrance flooring system should scrape, wipe and retain, making contact with both feet of people entering the building and, in the case of wheeled traffic, with the circumference of the wheels... This applies to all situations, internal or external, where people move from a soiled to a clean environment e.g. from a kitchen to a dining room or from a factory to an office.

6. Design considerations

6.1 Ease of access

...An entrance flooring system should not introduce any features which make access more difficult. Consideration should be given to users of wheelchairs, sticks or crutches. The system should be designed without abrupt changes in level which could result in tripping accidents or impede wheeled traffic.

6.2 Effective length

The objective with any entrance flooring system is to achieve the maximum number of footfalls within the space available... In any case consideration should be given to such factors as external and internal conditions, traffic levels, size of entrance, use of building and type of internal floor coverings.

BS 8300: 2009: Design of buildings and their approaches to meet the needs of disabled people – Code of practice.

7.1.1 Entrance flooring system

At entrances to commercial buildings and buildings used by the general public, an entrance flooring system to remove water and debris from the soles of shoes and wheelchair wheels should be provided...

7.1.2 Reception area

...The approach from the entrance to the reception point should be direct, free from obstructions, have a firm, slip-resistant surface and allow easy manoeuvre of a wheelchair...

9.1.3 Floor surfaces

...The ingress of soil and surface moisture to buildings, or their transfer between adjacent internal areas, should be reduced to the lowest practicable level, e.g. through the use of appropriate entrance flooring systems, conforming to BS 7953.

Any matting should either have its surface level with the adjacent floor finish or, if surface laid, be of a type that has a rubber backing and chamfered edges. If, in exceptional circumstances other types of surface laid mats are used, they should be securely fixed to the floor at their edges and at any joints, to avoid the risk of tripping or slipping.

...Deep pile carpets and coir matting on the surface of the floor or within a mat well should not be used.

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SUSTAINABILITY

Construction Specialties recognises its responsibility to current and future generations for its role in the preservation and improvement of our global environment. This intent remains our reality through all our operations worldwide and we are continually working towards more environmentally sound practices.

C/S products are sourced locally wherever possible, and the aluminium content of our mats is 100% recyclable. C/S entrance matting systems are easily refurbished by re-stripping the carpet sections only, thereby giving a 'good as new' appearance to the mat which will continue to perform effectively for many years.



CLEANING AND MAINTENANCE

DAILY MAINTENANCE

Vacuum daily with a powerful suction machine fitted with rotating head 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.

Chewing gum

• Textile

Freeze the gum with a freezer spray, shatter the gum with a hammer and agitate with a scraper, then vacuum up the fragments. This should be done on a daily basis; chewing gum left longer may require more than one treatment.

• Vinyl, abrasive and serrated aluminium

Freeze the gum with freezer spray and carefully scrape or chip off the frozen gum, taking care not to damage the inserts.

PERIODIC MAINTENANCE

If the matting has open splines or is a Pedigrid, dirt will fall through the slots in the mat to the matwell and these mats will need to be lifted periodically and the matwell cleaned out. The frequency with which this will need to be carried out will depend on the volume of traffic, but as a general rule the mats should be lifted weekly in heavy traffic areas. If the matwell is overdue for cleaning the mat may start to lift at the edges and there may be an audible "crunch" underfoot.

In high traffic areas the matting should be deep cleaned four to six times a year with more of the cleans undertaken in the winter months. Deep cleaning can be 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.
- Detergents should be used sparingly.
- Only use chemicals suitable for cleaning carpets.
- Strictly follow manufacturer's instructions.

Deep Clean Specification

- 1) Cylinder power brush.
- 2) Dry suction clean.
- 3) Pre-spot treatment.
- 4) Hot water extraction with detergent.
- 5) Hot water rinse.
- 6) Post-spot treatment.
- 7) Post dry groom.

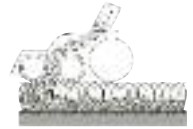
DAMAGE REPAIR

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

ADVANTAGES OF PEDISYSTEMS CLEAN-OFF CARPET OVER OTHER CARPETS

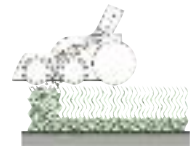
Loop Pile Carpet

Dirt can become trapped beneath the loops making it very difficult to clean.



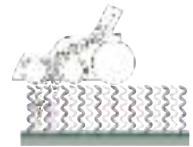
Conventional Cut Pile Carpet

Traditional cut pile carpets are generally easier to clean than loop pile ones but in order to prevent flattening of the carpet they are usually of very dense construction. This means that not only will they hold less dirt but are fairly difficult to clean.



C/S Pedisystems Performance Clean-off Carpet

The patented high twist and heat set tufts in the Pedisystems performance carpet act like tiny springs to prevent flattening. This allows an open construction, not only holding more dirt but also releasing the dirt more easily when it comes to cleaning.



STAIN REMOVAL

Category One

- Caramel, Honey, Jam
- Soft Drinks, Fruit Juice
- Gravy, Ketchup
- Liquors
- Cocoa
- Salad Dressing

Use PROCHEM* Neutral Spot Remover.

Category Two

- Berries
- Blood
- Coffee & Tea
- Cream, Milk & Ice Cream
- Egg
- Fats
- Grass Stains
- Pet Food
- Vomit

Use PROCHEM* Blood and Protein Remover.

Category Three

- Adhesives
- Asphalt & Tar
- Grease & Oil
- Lipstick
- Butter, Food Oils & Lard
- Crayon
- Chewing Gum
- Oily Cosmetics
- Ointments

Use PROCHEM* Grease, Gum and Tar Remover.

Category Four

- Urine, Faeces
- Hair Oils
- Chocolate
- Beer
- Fresh Latex Paint
- Mayonnaise
- Tannin
- Tea & Coffee

Use PROCHEM* Urine Spotter and Deodoriser.

* PROCHEM is the registered trade name of PROCHEM Europe Ltd (Tel 020 8974 1515)

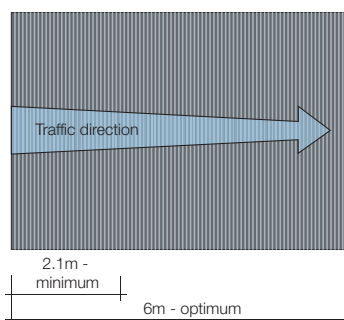
SITework

DESIGN

All Construction Specialties entrance flooring systems can be used as single mats/grids, or in multiples for larger installations. Where multiple sections are necessary, an aluminium T-frame is used between sections. In any large entrance area mat sections should butt together away from central walkways, 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 sufficient mat traffic direction to remove all grit, dirt and water that could be expected at the entrance.



To comply with BS 7953 a minimum traffic direction of 2.1m would be required, however many experts recognise that 6 metres (or 8 to 10 foot falls) is the optimum walk-off length of entrance matting, which would allow for effective dirt and moisture removal, thereby preventing floors becoming dangerously slippery.

Please note C/S Pedigrid is a fixed modular system. The internal matwell dimension in traffic direction must be a multiple of the modular size (38.07mm).

Irregular-shaped mats

A dimensionally stable template is required for the manufacture of irregular-shaped aluminium or stainless steel based entrance mats (hardboard or plywood templates are ideal).

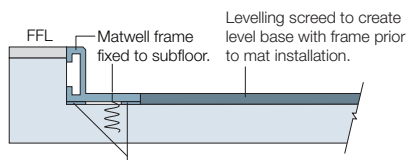
SUB-FLOOR PREPARATION

Recessed installations

Correct matwell preparation is critical to the successful installation of entrance mats.

The matwell depth should be prepared to suit the depth of the frame selected for installation with a particular Pedisystems model. It should take into account that the top of the frame should be installed flush with the intended finished floor level.

The frame should be secured in the matwell first. Packing beneath the frame may be necessary in places where the matwell's depth exceeds that of the frame. A levelling screed should then be applied to the base of the matwell to bring it level with the frame flanges.



Shims inserted between underside of frame and matwell base to ensure top of frame is level with Finished Floor Level (FFL)

Ensure that the achieved finish is level by checking with a straight edge. A departure greater than 2mm from the bottom of a 3 metre straight edge may compromise the performance of the entrance mat.

The screed should be fully cured and hardened before proceeding with the installation of the entrance mat.

Zone 3 Clean-off Carpet Installation – Preparation of sub-floor

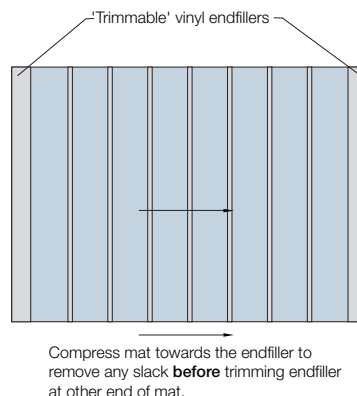
The sub floor should be level, clean, dry and free from grease, dirt and other contaminants that would affect adhesion. If the floor is uneven a self-levelling latex skim should be applied. If the floor is dusty or absorbent it should be primed in accordance with the adhesive manufacturer's instructions.

INSTALLATION

Full installation instructions will be supplied with our products. They can also be downloaded from our website www.c-sgroup.co.uk or requested on 01296 652800. The following are general guidelines only:

Some Pedisystems models (Pediluxe, Pediluxe Gold, Pedimat and Pedimat Ultra) are supplied with vinyl endfiller for field trimming. These mats may appear oversize until the endfiller has been trimmed.

Lay mat into prepared matwell and roll out. The natural slack between rails should be closed by condensing the rails towards the trimmed end. Work your way along the mat rails until you reach the opposite side. Carefully trim the remaining vinyl endfiller after ensuring all slack has been taken up.

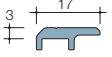
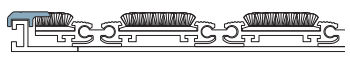
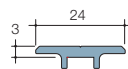
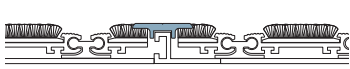
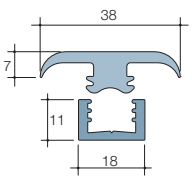

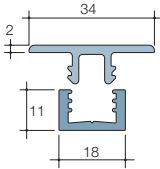
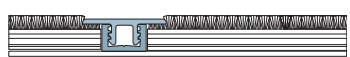
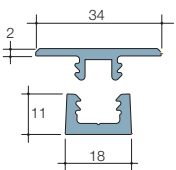
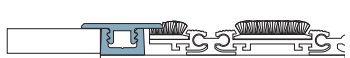
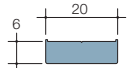
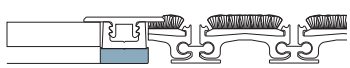
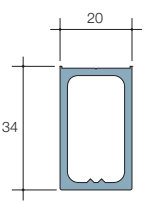
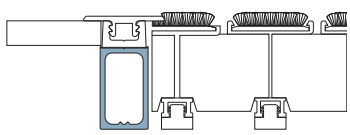


Ensure that there is door clearance for any door movement (this is particularly relevant for surface mounted applications).

Ramps & slopes

All Pedisystems products can be installed to single plain slopes or ramps. This may require mechanical fixing methods to be used.

EDGING TRIM OPTIONS

Profile	Typical usage	Description	Product(s)	Material(s)	Standard finishes/colours**
		Recess Mounted Frame Capping Section (single)	<ul style="list-style-type: none"> • Pedigrid • Pediluxe • Pedimat Ultra • Pedimat • Helix Z1/2 • Zone 3 	<ul style="list-style-type: none"> • Aluminium 	<ul style="list-style-type: none"> • Mill • Black anodised • Bronze anodised • Gold anodied
		Recess Mounted Frame Capping Section (double)	<ul style="list-style-type: none"> • Pedigrid • Pediluxe • Pedimat Ultra • Pedimat • Helix Z1/2 • Zone 3 	<ul style="list-style-type: none"> • Aluminium 	<ul style="list-style-type: none"> • Mill • Black anodised • Bronze anodised • Gold anodied
		Flexible PVC Edging Trim and Aluminium Channel	<ul style="list-style-type: none"> • Pedigrid† • Pediluxe† • Pedimat Ultra • Pedimat • Helix Z1/2 • Zone 3 	<ul style="list-style-type: none"> • PVC/ Aluminium 	<ul style="list-style-type: none"> • Black*** (PVC) • Mill (Aluminium)
		uPVC Divider and Aluminium Channel	<ul style="list-style-type: none"> • Pedigrid† • Pediluxe† • Pedimat Ultra • Pedimat 	<ul style="list-style-type: none"> • uPVC/ Aluminium 	<ul style="list-style-type: none"> • Black (uPVC) • Grey*** (uPVC) • Mill (Aluminium)
		Brass Edging Trim and uPVC Channel*	<ul style="list-style-type: none"> • Pedigrid† • Pediluxe† • Pedimat Ultra • Pedimat • Helix Z1/2 • Zone 3 	<ul style="list-style-type: none"> • Brass/ uPVC 	<ul style="list-style-type: none"> • Mill (Brass) • Grey (uPVC)
		Pediluxe Spacer for use with all edging trims	<ul style="list-style-type: none"> • Pediluxe 	<ul style="list-style-type: none"> • Aluminium 	<ul style="list-style-type: none"> • Mill
		Pedigrid Spacer for use with all edging trims	<ul style="list-style-type: none"> • Pedigrid 	<ul style="list-style-type: none"> • Aluminium 	<ul style="list-style-type: none"> • Mill

* Available separately

** All aluminium profiles can be custom anodised subject to minimum quantities

*** Other colours subject to minimum quantities

† With appropriate spacer

OUR SERVICE

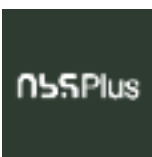


C/S Technical Support

We look forward to assisting you with any queries which you may have and ensuring that you have made the right selection for your project. Call us on +44 (0)1296 652800 to speak with our customer service team, technical team or area representatives.

C/S Specification Support

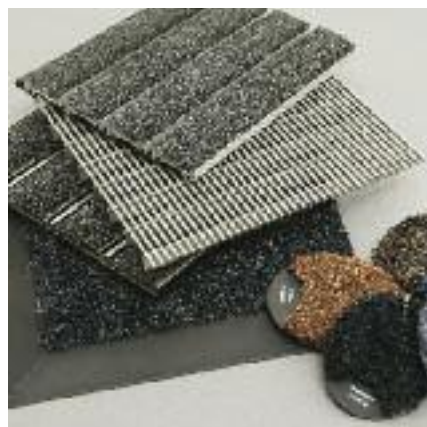
NBS specification clauses are available on request, contact us for specification assistance.



NBS Specification Clauses for our products are also available on NBS Plus.

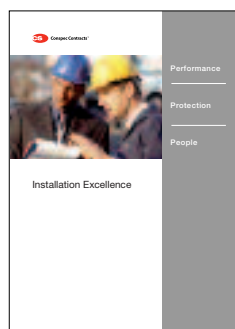
Samples Service

Please contact our Customer Service Team on +44 (0)1296 652800 for samples of entrance matting systems and colour cards.



Installation service

Construction Specialties (UK) Ltd offer a complete installation package through our sister company, Conspec Contracts Ltd. They provide full site surveys, implement installation programmes and advise upon suitability of material. Conspec's experienced installation teams are CSCS accredited.



Copies of Conspec Contracts leaflets are available from our Customer Service Team or from our web-site www.c-sgroup.co.uk

Warranty policy

Construction Specialties (UK) Ltd (the Company) warrants to its purchasers that their Pedisystems products sold will be free from any defects in materials or workmanship and will meet the design criteria noted in our brochures when properly installed and maintained. If, in the sole opinion of the Company, a product covered by this warranty is defective, the Company will replace or repair it free of any charge. This warranty shall extend for a period of five years* following the date of shipment by the Company. This is in lieu of all other warranties expressed or implied, and is the sole warranty extended by the Company. The liability of the Company under this warranty is limited to repair or replacement, and does not include any responsibility for consequential or other damage of any nature.

*Note: This does not apply to textile edging or non-metal framing. The warranty for C/S Helix is two years.

Disclaimer

The Company reserves the right to make design changes for the purpose of product improvement, or to withdraw any design without notice.