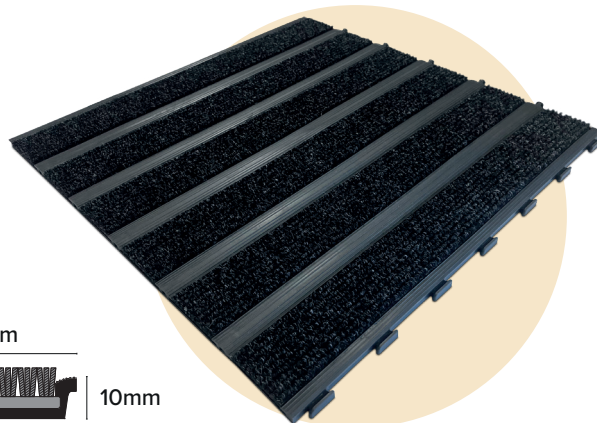
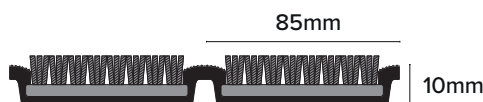
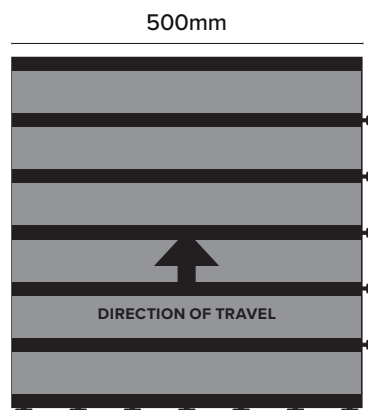




## Product Description

TrakMat® BARCELONA is a closed construction interlocking tile, flexible modular matting system connected by locating lugs on side of tile creating a 'seamless' joint.

The integral Lock-down assembly ensures the 50cm square modules, remain safe and secure under the heaviest of traffic. The non-PVC polymer base is simple to cut and shape and the modules are all interchangeable to ensure even wear for maximum economy.

100% recyclable.

It is suitable for use in medium to heavy traffic areas such as offices, schools and apartments.

## Dimensions

Available in 10mm depth.

Supplied in 500 x 500mm tiles, 4 tiles per m<sup>2</sup>.

## Technical Details

### General

|                      |                                         |
|----------------------|-----------------------------------------|
| Description:         | Thermoplastic Elastomer, TPS-SEBS       |
| Colour:              | Translucent, but can easily be coloured |
| Form:                | Free flowing pellets                    |
| Service Temperature: | -50 to +125°C (unstressed material)     |
| Recycling:           | Recyclable In closed-loop systems       |

### Typical Properties

| Property            | Units             | Typical Value | Test Method       |
|---------------------|-------------------|---------------|-------------------|
| Hardness            | Shore A           | 70            | ISO 868           |
| Density             | g/cm <sup>3</sup> | 0.89          | ISO 2781          |
| Tensile Strength    | MPa               | 9.0           | ISO 37 Type 1     |
| Modulus 100%        | MPa               | 3.0           | ISO 37 Type 1     |
| Elongation at Break | %                 | 600           | ISO 37 Type 1     |
| Tear Strength       | N/mm              | 32            | ISO 34-1 Method C |

### Processing

The product should be stored in a dry and cool place in the manufacturer's original packaging. The material can be processed using standard thermoplastic processing methods. Additional processing information is available in our Processing Guides which can be downloaded at our website.

### Processing Temperatures (°C)

|           | Injection Moulding                    | Extrusion |
|-----------|---------------------------------------|-----------|
| Cylinder  | 180 - 210                             | 150 - 210 |
| Mould     | 15 - 50                               |           |
| Predrying | Under normal conditions not necessary |           |

## Maintenance

### Regular Maintenance

Regular maintenance is required so the TrakMat® remains effective. Normal daily soiling can be dealt with using a suction vacuum cleaner. A 2000 Watt model will give better results than a lower powered model. The use of rubber bladed wet floor tool attachment should increase the effectiveness of the cleaning.

Vacuum the mat to remove dust and dirt from its surface. Vacuum also along the profiles to clean interstices.

### Periodic maintenance

Best results can be achieved by the periodic use of a spray extraction carpet cleaning machine.

The use of a mild detergent (neutral pH) cleaning solution in the carpet cleaning machine should loosen ingrained soiling and aid the removal of oils and grease. More stubborn stains should be treated a solvent based spot remover prior to re-cleaning with the detergent solution.

Chewing Gum can be removed by freeze spraying or with a proprietary chewing gum remover and then scraped or combed out of the matting carpet pile. This should be done before the full cleaning process is started.

## Installation

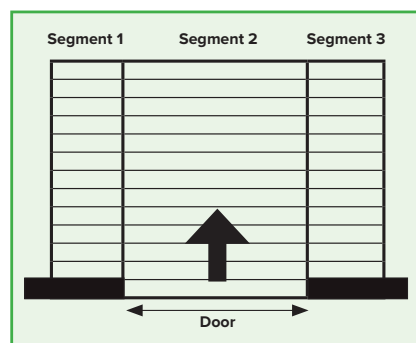
Entrance Matting Systems typically require a recess in which to lie. This recess must be of sound condition, level and flat.

Generally aluminium matting should be installed with a small tolerance to the surround, to allow for expansion with temperature variation.

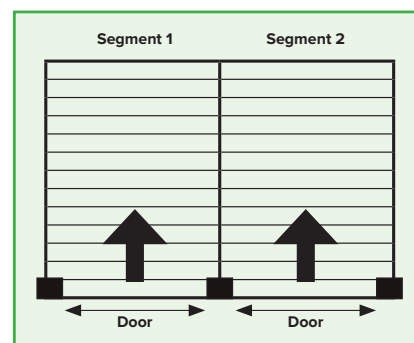
Exact installation detail varies between products, and should be confirmed at time of order.

If the dimension of the length of the profiles is longer than 2500m, the mats will need to be manufactured in several pieces to accommodate the positioning of the doors as follows:

✓ Correct

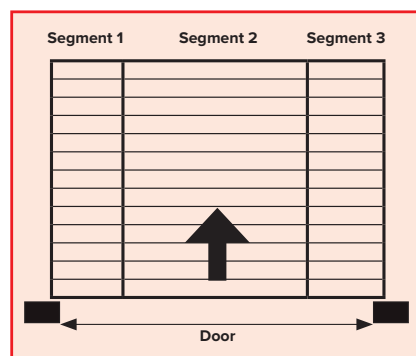


✓ Correct

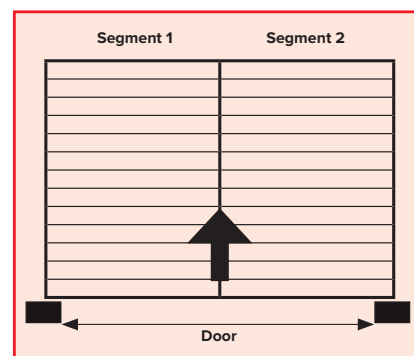


Never manufactured in the following conditions:

✗ Incorrect



✗ Incorrect



## Frame Options (Please contact Genesis for full range)

