easi**access**®

EXCELLENT SYSTEMS COMPONENTS

BY EXCELLENT SYSTEMS A/S

Create truly bespoke access solutions

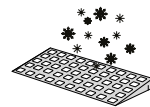# Contents

FREEPHONE: 0800 321 7430

T: 0191 460 2777
E: info@easiaccess.co.uk   www.easiaccess.co.uk

Features

Excellent Systems products can bear a weight of 2000kg.

The products can handle temperatures down to -50°C and up to 100°C.

The surfaces are self-draining and with SureGrip inserted are highly slip resistant.

Test have shown that the products are harmless under combustion with no toxic subtsances released.

All products are acid-resistant, corrosion-free and resistant to household detergents.

Environment

All products are manufactured from the environmentally friendly material Polyethylene (PE), the same material used on the inside of a milk carton.

100%

Non-toxic
PVC-free
Food grade
Odourless
Rebuildable
Recyclable

PE

Gradients

Ramp I

Ramp I+

Ramp with platform and 10cm kerb, inclination 1:14. Great for manual wheelchairs.

Ramp type I, inclination 1:7.
Flat surface, great for electric wheelchairs.

Ramp II

Before

Ramp type II, inclination 1:14.
Flat surface, great for wheelchairs, forklifts etc.

Ramp type II with platform and 5cm kerb, inclination 1:14. Flat surface.

SureGrip

Corners

Incorporating SureGrip at 50% coverage, to provide a highly slip resistant surface. It is always recommended in outdoor ramps.

Corner ramps provide access from every direction. They have no edges to trip over and can be driven on by vehicles.
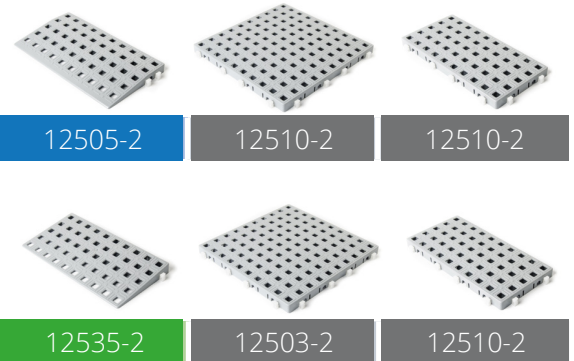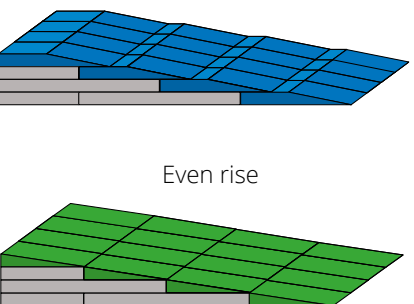
Gradients

Excellent Systems is an award winning range of products, which all fit together and combine to form ramps, platforms, floors etc. The system is easily assembled with a range of locks and can be disassembled and rebuilt into different shapes and sizes, without specialist tools.

When it comes to ramps, we have created 4 categories which relate to key gradients that can be achieved: 1:7, 1:14, 1:20. We have marked each one with a colour; Use **BLUE** ramps with other components in the **BLUE** series, **GREEN** ramps with other components in the **GREEN** series and **ORANGE** ramps with other components in the **ORANGE** series. The guidance below provides some typical configurations.
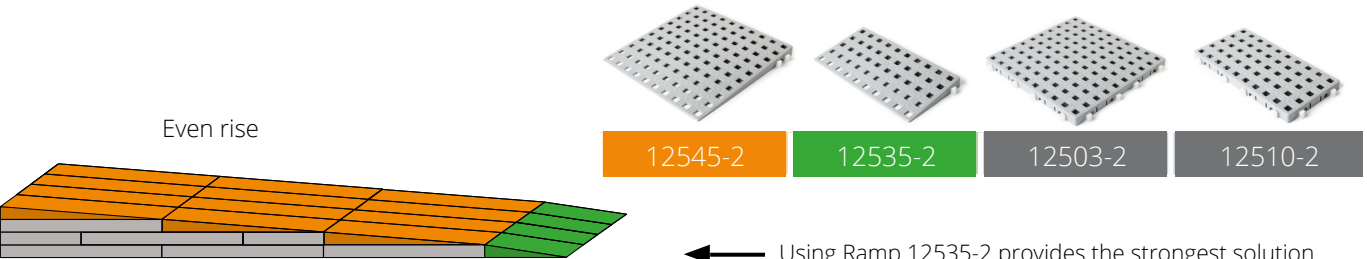
Gradient 1:7 | 14.5%

Even rise

| 12505-2 | 12510-2 | 12510-2 |
| 12535-2 | 12503-2 | 12510-2 |

Recommended use: Threshold ramps when limited space is available, especially suitable when assisted.

Gradient 1:14 | 7.5%

| 12505-2 | 12503-2 | 12510-2 |
| 12535-2 | 12527-2 | 12503-2 | 12510-2 |
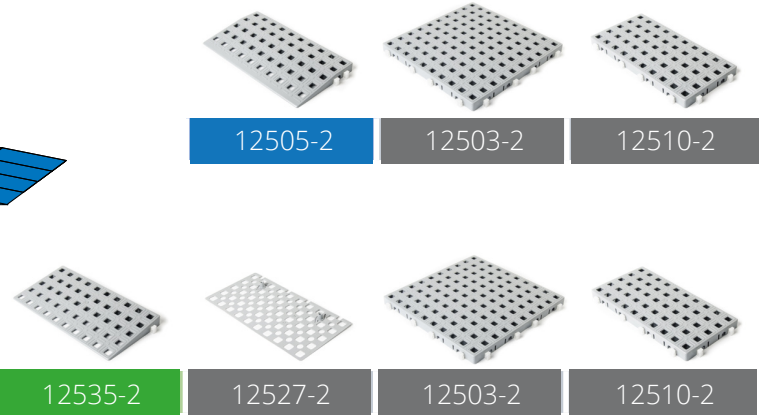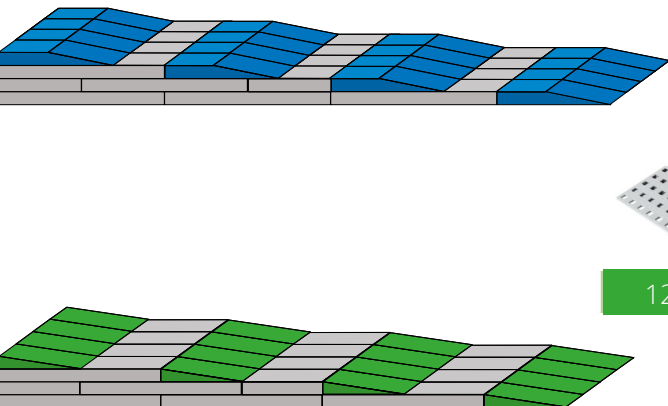
Recommended use: Ramps with small "rest platforms" - especially suitable for hand-driven wheelchairs.

Even rise

| 12545-2 | 12535-2 | 12503-2 | 12510-2 |

← Using Ramp 12535-2 provides the strongest solution

Recommended use: Larger ramps when space is available - especially suitable for electric wheelchair.

Gradients

Gradient 1:20 | 5%

| 12505-2 | 12503-2 | 12510-2 |


| 12535-2 | 12527-2 | 12503-2 | 12510-2 |
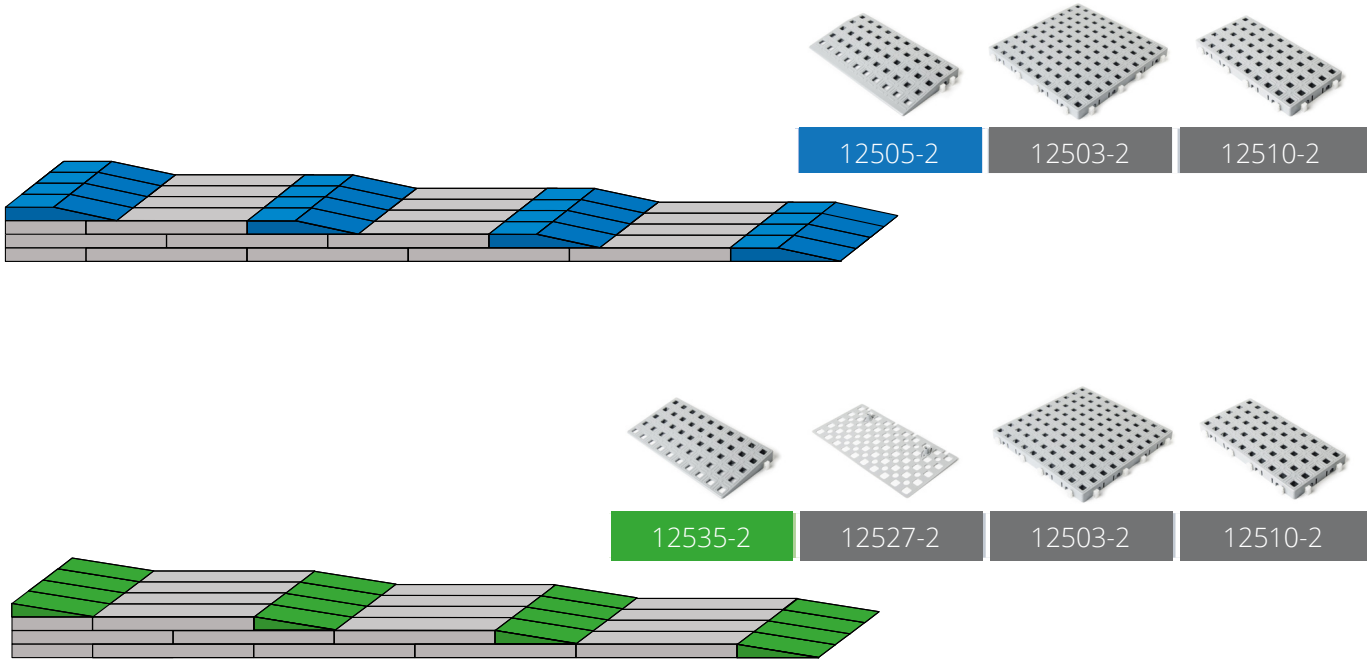
Recommended use: Create larger, shallower ramps when space is available - suited for all users whether assisted or not.

RampCalc - The Ramp Calculator

RampCalc is used to calculate all types of Excellent Systems ramps, quickly and easily. It will generate of list of all components required together with a downloadable installation guide.

Please register your interest at **info@easiaccess.co.uk**.
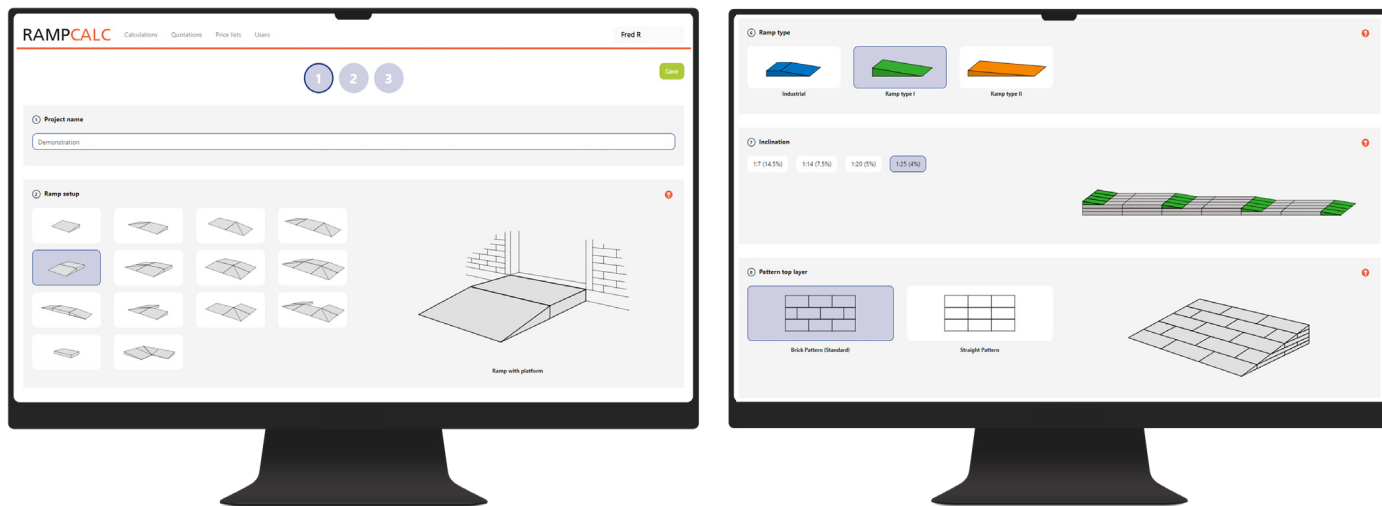
Surfaces, Infill and Hard tile

Surfaces

Holes

The standard **surface with holes** has a slip resistant surface and is self-draining. Dirt will be collected inside the ramp, whereby it can be collected and easily cleaned.

SureGrip

The **surface with SureGrip** tiles inserted at 50% coverage is recommended mainly for outdoor use and increases the slip resistance. At 100% coverage SureGrip is well suited to all footwear, especially pointed heels.

Available in Yellow, SureGrip can also be used as a visual indication.

SureGrip = **S**

No holes

The standard **surface with No holes** is mainly suitable for indoor use. If there is a chance things may get stuck, or you wouldnt want anything to fall through the holes, this is a great solution.

Most tiles are available in this surface.

Please contact us if you require this option, which may be subject to a minimum order quantity and leadtime.

Infill

Infill tile

Manufactured from regenerated materials, with fixed locks on 2 sides and reduced surface area, these help to reduce the cost of building a solution when placed underneath the top surface.

N.B. There is extra room for C-Locks on all sides.

Six-Pack Infill tile

Equivalent of 6 full tiles, stacked side by side, 3 layers high. Designed to minimise materials and be quicker to install, therefore reducing the cost when building larger ramps and platforms. Placed on the lower layers.

N.B. Produced from partly new and regenerated materials, meaning the look can vary.

Hard tile

Hard tile

Most tiles are available in a 'Hard' version which is produced from a higher density material. These are well suited to carpeted surfaces to minimise movement and reduce unwanted 'flex'. Please speak to a member of our technical team in these instances who can better advise on the most suitable product.

Please contact us if you require this option, which may be subject to a minimum order quantity and leadtime.

Colours

The product range is primarily available off-the-shelf in Grey with a limited availability of Yellow and Black components. Other colours are available subject to a minimum order quantity, lead time and surcharge. Please contact us for more information.

For the purposes of ordering, the number at the end of a product code (after the hyphen "-") refers to its colour. If no hyphen is shown, you can assume that it will be the standard Grey.

EXAMPLE: the number 123456-**3** indicates an item in the colour "**Yellow**". Please use these colour codes when you order.

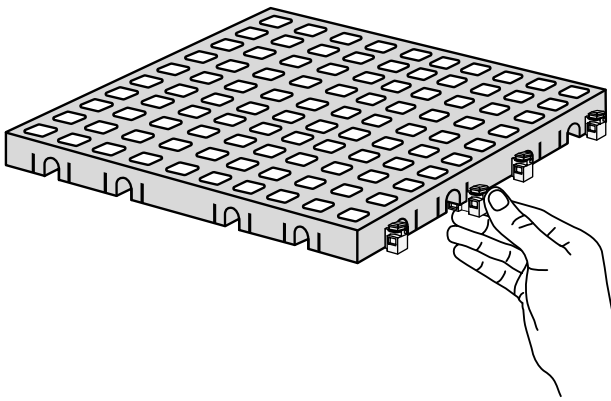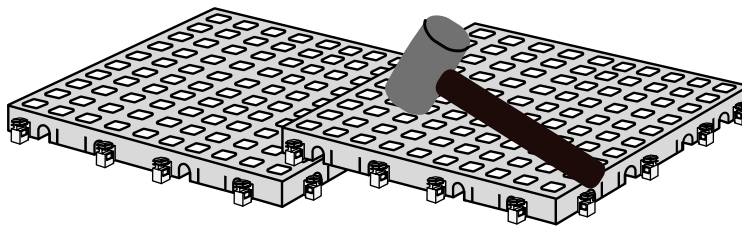| Standard colour	Other colours		Special colours
Grey xxxxx-2	Yellow xxxxx-3	Black xxxxx-7	Contact us for further information.

Assembly

How to...

C-Lock

C-Lock connects: Horizontal connections | **Tool:** Rubber mallet

Secures ramps and tiles horizontally.

C-Lock is easy to mount and dismount by hand.

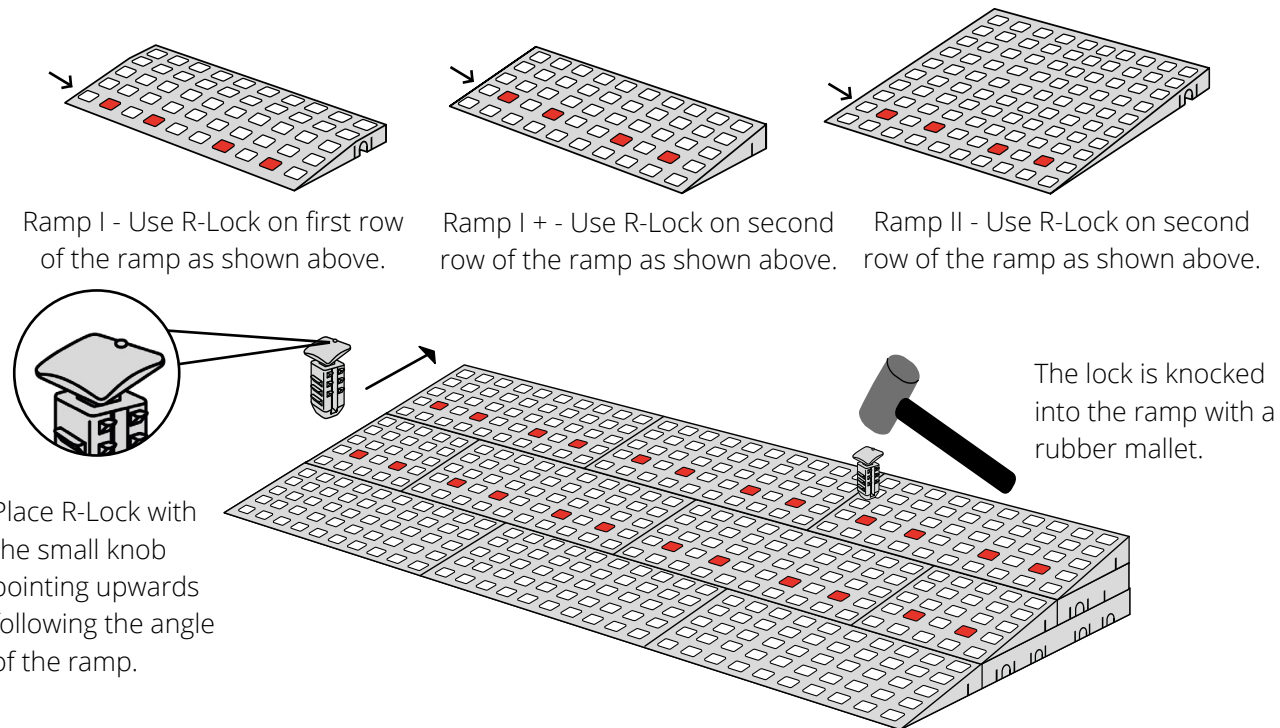A rubber mallet makes connecting all tiles and ramps even easier.

R-Lock

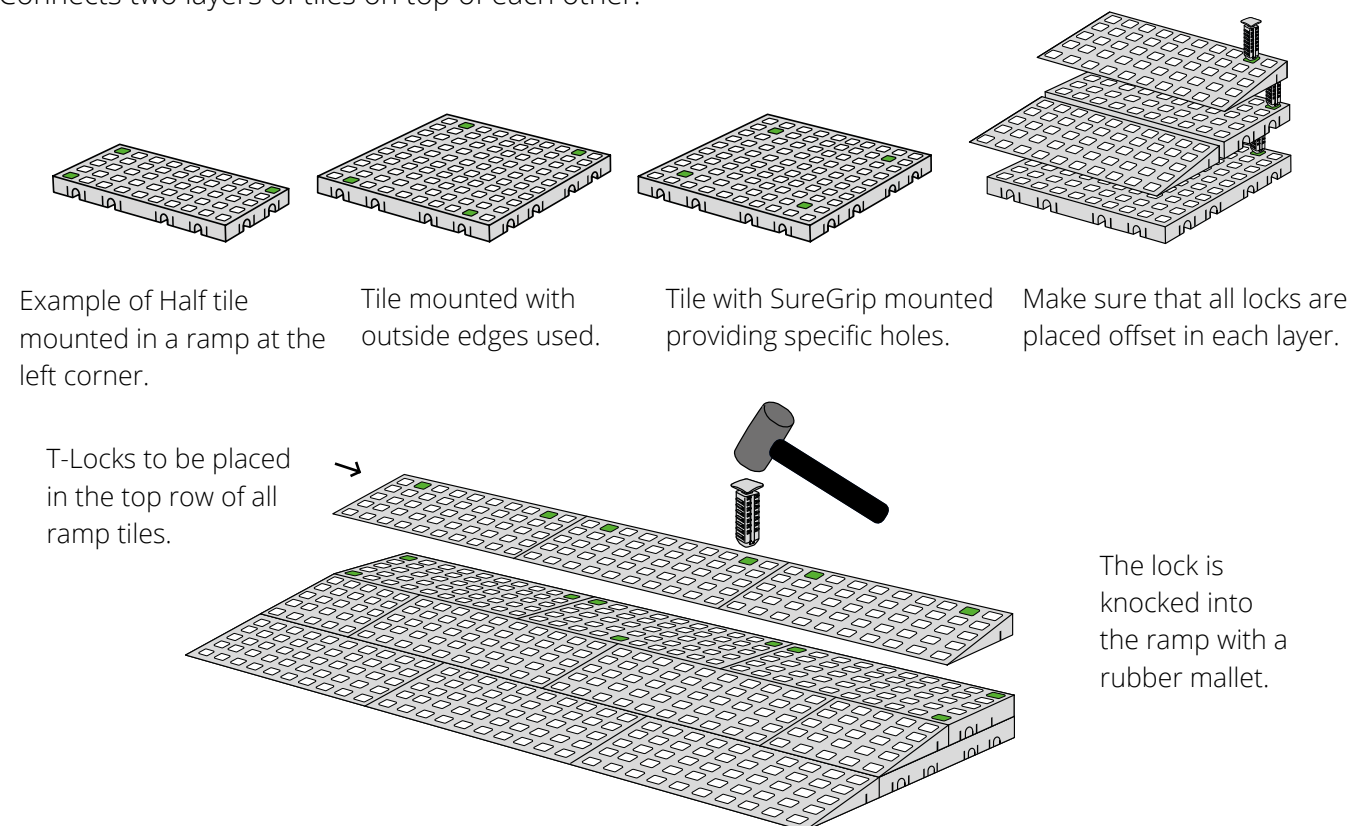**R-Lock** connects: 1 tile + 1 ramp | **Tool:** Rubber mallet

Connects ramps on top of tiles. Used on the inclined surfaces.

Ramp I - Use R-Lock on first row of the ramp as shown above.

Ramp I + - Use R-Lock on second row of the ramp as shown above.

Ramp II - Use R-Lock on second row of the ramp as shown above.

Place R-Lock with the small knob pointing upwards following the angle of the ramp.

The lock is knocked into the ramp with a rubber mallet.

T-Lock

T-Lock connects: 1 tile + 1 tile, 1 tile + ramp | **Tool:** Rubber mallet

Connects two layers of tiles on top of each other.

Example of Half tile mounted in a ramp at the left corner.

Tile mounted with outside edges used.

Tile with SureGrip mounted providing specific holes.

Make sure that all locks are placed offset in each layer.

T-Locks to be placed in the top row of all ramp tiles.

The lock is knocked into the ramp with a rubber mallet.

S-Lock

S-Lock connects: 1 SixPack + 2 layers of tiles, 3 layers of tiles | **Tool:** Rubber mallet

Connects three layers of tiles on top of each other.

Tile mounted with outside edges used.

Tile with SureGrip mounted providing specific holes to use.

Make sure that all locks are placed offset in each layer.

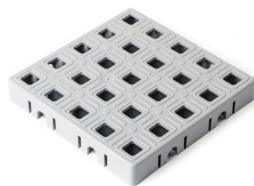The lock is knocked into the ramp with a rubber mallet.
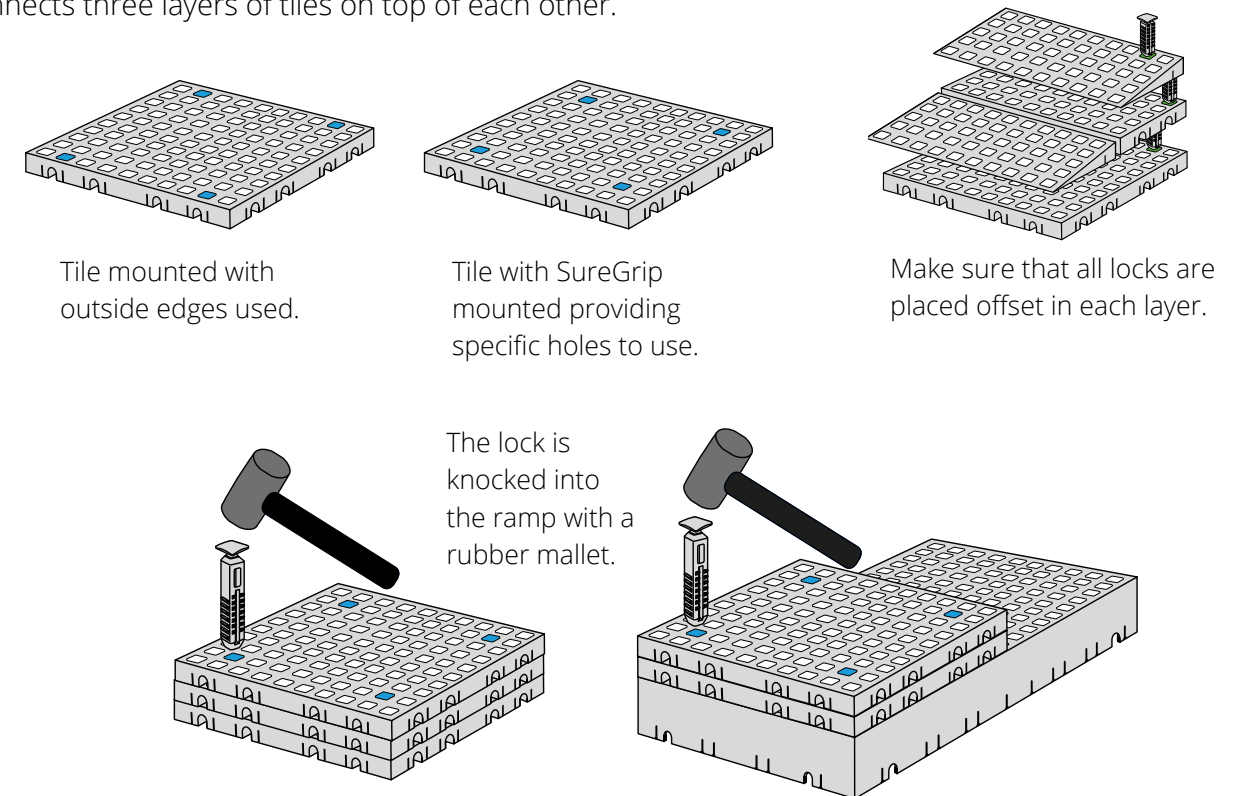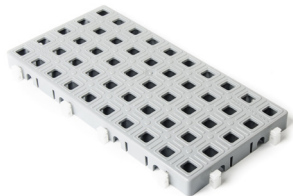
L-Lock

L-Lock connects: 5 tiles, 1 SixPack + 4 layers of tiles, 2 SixPacks + 1 tile | **Tool:** Rubber mallet
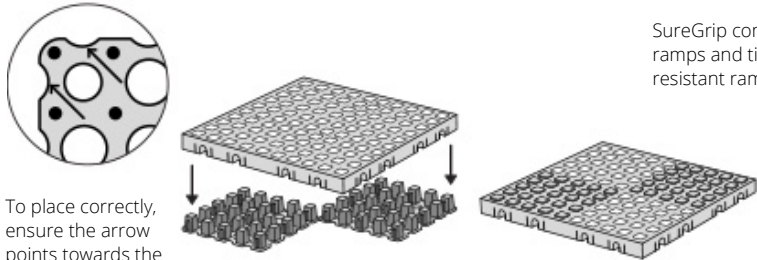
Connects five layers of tiles on top of each other.

Tile mounted in a ramp - outside edges used.

Tile with SureGrip mounted providing specfic holes to use.

Make sure that all locks are placed offset in each layer.

The lock is knocked into the ramp with a rubber mallet.

5 Layers

4 Layers + SixPack

Tiles

Full Tile
12503 -

Dimensions:
Height: 18mm
Width: 250mm
Depth: 250mm

Use:

Flooring and ramps, build more than 2 layers high.

Standard Colour:
■ - **2** Grey

Available Colours:
■ - **7** Black

Half Tile
12510 -

Dimensions:
Height: 18mm
Width: 250mm
Depth: 125mm

Use:

Flooring and construction of ramps.

Standard Colour:
■ - **2** Grey

Available Colours:
■ - **7** Black

Quarter Tile
12509 -

Dimensions:
Height: 18mm
Width: 125mm
Depth: 125mm

Use:

Construction of stronger ramps in brick pattern.

Standard Colour:
■ - **2** Grey

Available Colours:
■ - **7** Black

SureGrip Tile
12830 -

Dimensions:
Height: 20mm
Width: 116mm
Depth: 116mm

Use:

In conjunction with the Excellent tile to provide extra slip resistance.

Standard Colour:
■ - **2** Grey

Available Colours:
■ - **3** Yellow

How to use SureGrip Tile

How to...

To place correctly, ensure the arrow points towards the centre of the tile.

SureGrip combined with Excellent Systems ramps and tiles is probably the most slip resistant ramp system in the world!

Ramp I Tiles

Ramp I Tile
12505 -

Dimensions:
Height: 18mm
Width: 250mm
Depth: 137mm

Use:

Construction of ramps.

Standard Colour:
■ - **2** Grey

Available Colours:
■ - **7** Black

Ramp I Half Tile
12511 -

Dimensions:
Height: 18mm
Width: 137mm
Depth: 137mm

Use:

Construction of stronger ramps in brick pattern.

Standard Colour:
■ - **2** Grey

Available Colours:
■ - **7** Black

SureGrip Ramp I
12840 -

Dimensions:
Height: 20mm
Width: 116mm
Depth: 91mm

Use:

In conjunction with the Excellent tile to provide extra slip resistance.

Standard Colour:
■ - **2** Grey

Available Colours:
■ - **3** Yellow

Corner Ramp I Tile
12507 -

Dimensions:
Height: 18mm
Width: 137mm
Depth: 137mm

Use:

Construction of corner entry ramps.

Standard Colour:
■ - **2** Grey

Available Colours:
■ - **7** Black

SureGrip Ramp 1

Note:
SureGrip is mounted at the top of the Ramp 1 Tile. Be sure that the holes in the bottom are visable.

Ramp I+ Tiles

Ramp I+
12535 -

Dimensions:
Height: 21mm
Width: 250mm
Depth: 125mm

Use:
Construction of smooth ramps, especially suitable for electric wheelchairs.

Standard Colour:
■ - 2 Grey

Available Colours:
■ - 7 Black

SureGrip Ramp I+
12850 -

Dimensions:
Height: 21mm
Width: 113mm
Depth: 116mm

Use:
In conjunction with Ramp 1 + tiles to provide extra slip resistance.

Standard Colour:
■ - 2 Grey

Available Colours:
■ - 3 Yellow

Half Ramp I+
12536 -

Dimensions:
Height: 21mm
Width: 125mm
Depth: 125mm

Use:
Construction of stronger ramps in brick pattern.

Standard Colour:
■ - 2 Grey

Available Colours:
■ - 7 Black

Corner Ramp I+
12537 -

Dimensions:
Height: 21mm
Width: 125mm
Depth: 125mm

Use:
Construction of corner ramps - endings for flooring etc.

**Standard Colour:**
■ - 2 Grey

Available Colours:
■ - 7 Black

Corner Ramps

Corners can be placed to the left and right of a Ramp providing unrestricted 2 and 3 way entry.


Ramp II Tiles

Ramp II
12545 -

Dimensions:
Height: 21mm
Width: 250mm
Depth: 250mm

Use:
Construction of ramps with low inclinations and level surfaces.

Standard Colour:
■ - 2 Grey

Available Colours:
■ - 7 Black

SlipStop Ramp II
12860 -

Dimensions:
Height: 23mm
Width: 116mm
Depth: 238mm

Use:
In conjunction with Ramp II tiles to provide extra slip resistance.

Standard Colour:
■ - 2 Grey

Available Colours:
■ - 3 Yellow

Corner Ramp II
12547 -

Dimensions:
Height: 21mm
Width: 250mm
Depth: 250mm

Use:
Construction of corner ramps.

Standard Colour:
■ - 2 Grey

Available Colours:
■ - 7 Black
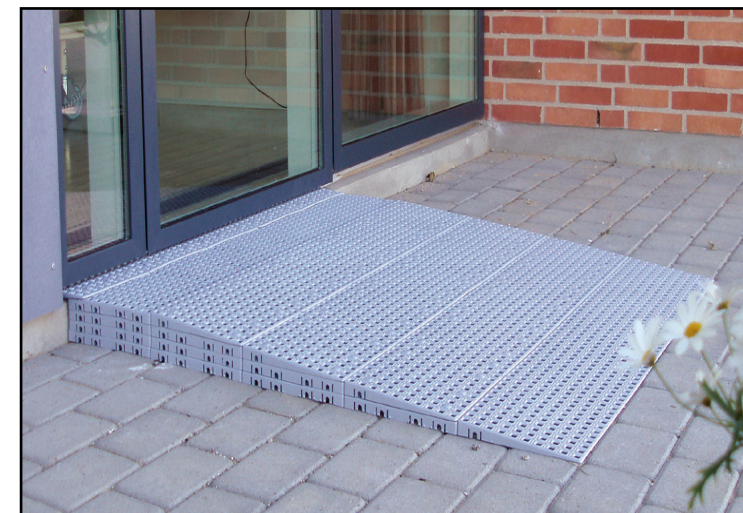
Ramp II low inclination and level surface

With Ramp Type II it's possible to build ramps with low inclinations and level surfaces, specially suitable for electric wheelchairs.
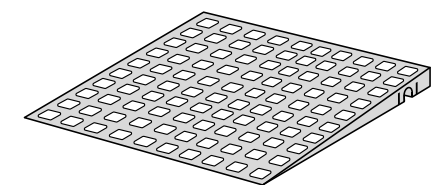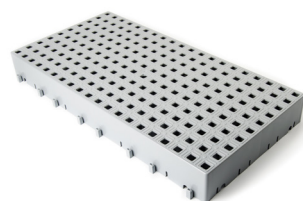
SixPack and Infill

SixPack
15000

Dimensions:
Height: 54mm
Width: 500mm
Depth: 250mm

Use:
Raising ramps or flooring with more than 4 layers, where it is visable.

Standard Colour:
■ - **2** Grey

Infill tile
12998 - 9

Dimensions:
Height: 18mm
Width: 250mm
Depth: 250mm

Use:
At the bottom or inside of ramp or raised flooring upto 3 layers, or on top of Six-Pack infill.

Standard Colour:
■ - **9** Slate

SixPack Infill
15100 - 9

Dimensions:
Height: 54mm
Width: 500mm
Depth: 250mm

Use:
At the bottom or inside of ramp or raised flooring, with 3 layers or more.
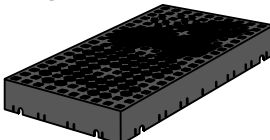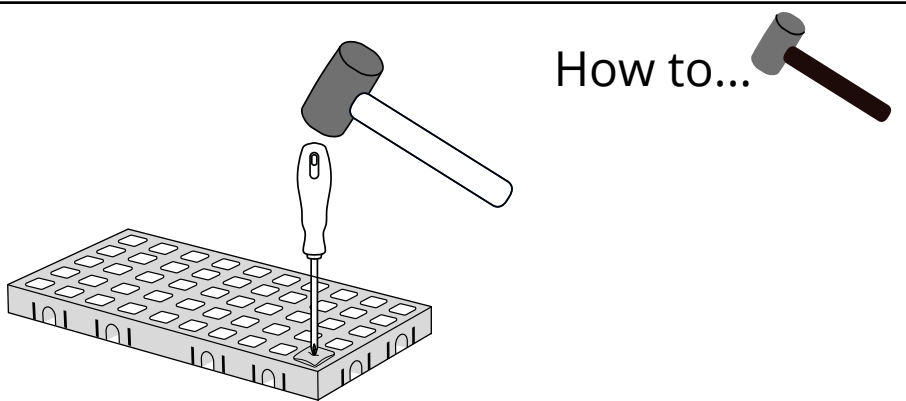
Standard Colour:
■ - **9** Slate

SixPack Infill

The Excellent Systems Six-Pack Infill tile reduces the total price considerably when installing large ramps.

Variances may arise owing to the use of regenerated materials within Infill tiles. Where appearance is important consider using standard SixPack.

Locks

T-Lock
12732 -

Dimensions:
Height: 35mm
Width: 14mm
Depth: 14mm

Use:
Connects 2 layers on top of each other.

Standard Colour:
☐ - **2** Grey

Available Colour:
■ - **7** Black

R-Lock
12742 -

Dimensions:
Height: 24mm
Width: 14mm
Depth: 14mm

Use:
Connects ramps on top of tiles. Is used on the inclined surfaces.

Standard Colour:
☐ - **2** Grey

Available Colour:
■ - **7** Black

S-Lock
15250

Dimensions:
Height: 51mm
Width: 14mm
Depth: 14mm

Use:
Connects 3 layers.

Standard Colour:
☐ - Grey

L-Lock
15200

Dimensions:
Height: 88mm
Width: 14mm
Depth: 14mm

Use:
Connects 5 layers (SixPack and Tiles).

Standard Colour:
☐ - Grey

Dismounting of Locks

How to...

Use a screwdriver and a rubber mallet to knock the head of the lock and loosen the layers.

Fixings

Expansion Guide
12695

Dimensions:

Height: 9mm
Width: 80mm
Depth: 11mm

Use:

To secure flooring and ramps outdoors. 2 nail-screw per expansion guide.

Standard Colour:
- **2** Grey

Stoppers
12500

Dimensions:

Height: 14mm
Dia: 9mm
Dia: 14mm

Use:

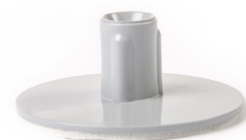Under tiles and ramps, when there is a need for removing ramps quickly.

Standard Colour:
- Black

Mounting Pad
12690

Dimensions:

Pad: 35 x 1mm
Plug: 9 dia x 15mm

Use:

To fix flooring and ramps indoors on wood, marble or tile. Easy to peel tape.

Standard Colour:
- **2** Grey

Adjustment

Ramp Adjuster
12696

Dimensions:

Height: 2 - 16mm
Width: 250mm
Depth: 200mm

Use:

The Ramp Adjuster can be used to adjust the height from 2 to 16mm.

Standard Colour:
- **2** Grey

Adjustment Key
12527

Dimensions:

Height: 0.5 - 3mm
Width: 250mm
Depth: 125mm

Use:

The Adjustment Key can be used to fine tune the height from 0.5 to 3mm.

Standard Colour:
- Grey

K-System

K-Stop
17140

Dimensions:

Dia: 40mm
Dia: 32mm
Height: 18mm

Use:

For plugging both ends of the K-Tube.

Standard Colour:
- Black

K-Drill
17150

Dimensions:

Flat Drill Dia: 30mm
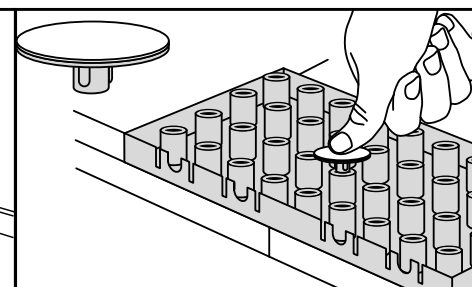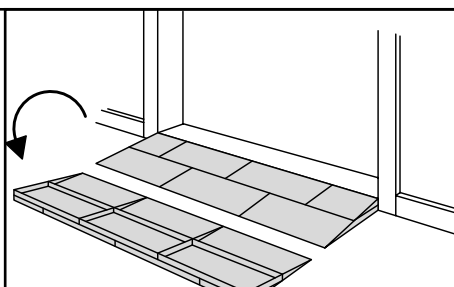Drill Adapter Outer Dia: 50 x 100mm

Use:

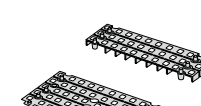For drilling K-Tube ends to fit K-Stop.

Standard Colour:
- Black

Use the Mounting Pads

How to...

Push 30 sec.
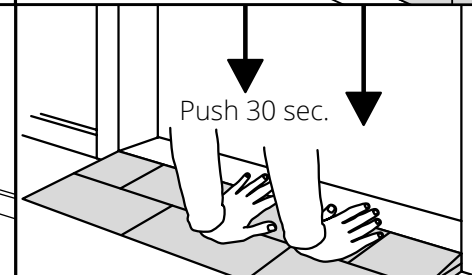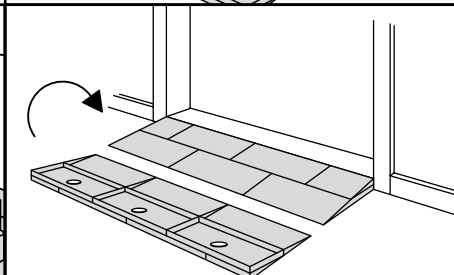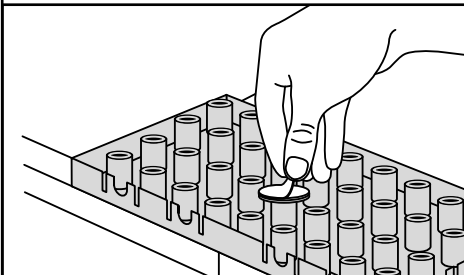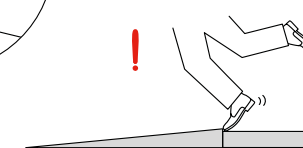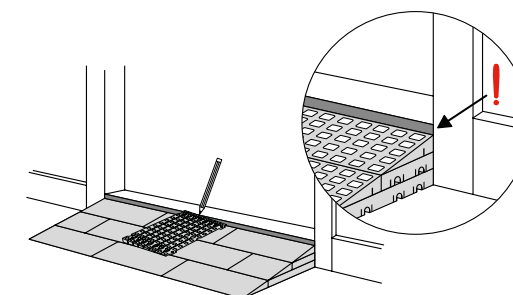
Using the Ramp Adjuster

How to...

Avoid a trip hazard by making the ramp a precise height, using Ramp Adjusters providing fine tuning in 2mm increments.

K-System

K-Tube
17100

Dimensions:
Outer-Dia: 40mm
Inner-Dia: 24mm
Length: 2000mm

Use:
With K-Lock 1 and K-Lock 2 for kerb on ramps.

Standard Colour:
- Grey

K-Lock 1
17120

Dimensions:
Height: 90mm
Width: 54mm
Depth: 125mm

Use:
Connecting 1 layer of K-Tube on top of tiles and ramps. When used, kerb will be 50mm high.

Standard Colour:
- Black

K-Lock 2
17130

Dimensions:
Height: 160mm
Width: 54mm
Depth: 125mm

Use:
Connecting 2 layers of K-Tube on top of tiles and ramps. When used, kerb will be 100mm high.

Standard Colour:
- Black

With K-Lock 1, the kerb will be 5cm high and with K-Lock 2 it will be 10cm.

K-Locks have to be mounted at least 2 holes from the edge of the ramp, to provide sufficient strength.
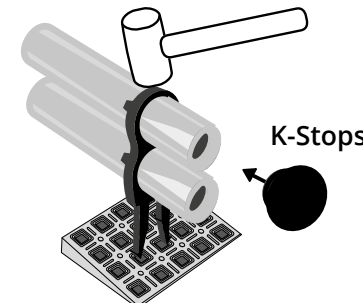
1
Saw the tubes to the required length.

2
The tubes need to be drilled in both ends with the K-Drill to mount the K-Stops.
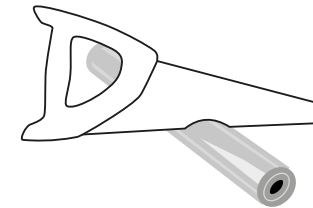
3
Mount the K-Drill on the drill, press the tube into the K-Drill, and drill.

4
Now the tubes are ready to have the K-Stops mounted.

5
K-Stops
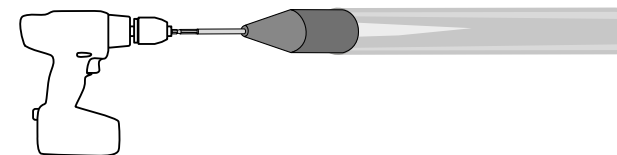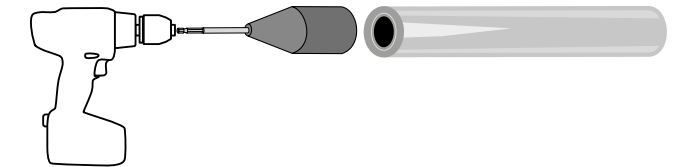
Use a rubber mallet to fasten the K-Locks. Making sure they are are least two holes from the edge of the ramp.
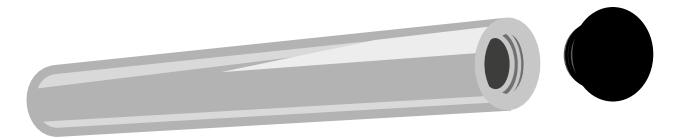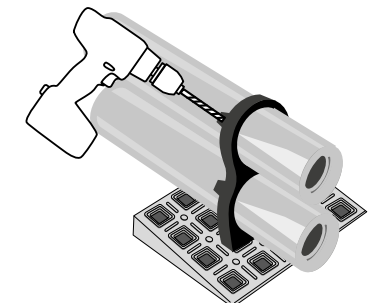
6
Drill holes through the K-Locks and the K-Tubes.

7
K-Lock 1
Kerb height: 50mm.

K-Lock 2
Kerb height: 100mm.

Fasten the tubes with a screw through both the K-Lock and the K-Tubes.

As well as Components, Easiaccess offer the full range of Excellent Systems products including Kits and QuickRamps. Making accessibility much easier with quick efficient access solutions.

Easiaccess provide a wide range of access solutions across the UK via our network of partners, from small threshold solutions to extensive modular metal ramp systems and portable equipment.

easiaccess ®

excellent systems as