EXCELLENT RAMP KIT











excellent systems as

ronda hjelpemidler

English

Excellent ramp KIT series -











ramps for all purposes



KIT 0-4

Width: 75 cm
Gradient: 1:7 (14%)

Kit 0

Height: 0 - 2.1 cm - length: 12.5 cm.

Kit 1

Height: 2.1 - 4 cm - length: 25 cm.

Kit 2

Height: 4 - 7.5 cm - length: 50 cm. 2 layers pre-assembled.

Kit 3

Height: 7.5 - 11 cm - length: 75 cm. 4 layers pre-assembled.

Kit 4

Height: 11 - 15 cm - length: 100 cm. 6 layers pre-assembled.

Add-on 1 - repair set

Height: 0 - 1 cm.
Used for extra height adjustment of up to 1 cm on KIT 1 - 4 or as a repair set when re-locating KIT 1 - 4.

KIT 1-4 S

KIT 1-4 above are also available as outdoor models with Excellent SlipStop. KIT 1 S, KIT 2 S, KIT 3 S and KIT 4 S.

KIT 100-104

Width: 100 cm
Gradient: 1:7 (14%)

Kit 100

Height: 0 - 2.1 cm - length: 12.5 cm.

Kit 101

Height: 2.1 - 4 cm - length: 25 cm.

Kit 102

Height: 4 - 7.5 cm - length: 50 cm. 2 layers pre-assembled.

Kit 103

Height: 7.5 - 11 cm - length: 75 cm. 4 layers pre-assembled.

Kit 104

Height: 11 - 15 cm - length: 100 cm. 6 layers pre-assembled.

Add-on 100 - repair set

Height: 0 - 1 cm.
Used for extra height adjustment of up to 1 cm on KIT 101 - 104 or as a repair set when re-locating KIT 101 - 104.

KIT 101-104 S

KIT 101-104 above are also available as outdoor models with Excellent SlipStop. KIT 101 S, KIT 102 S, KIT 103 S and KIT 104 S.

KIT 200-204

Width: 100 cm
Gradient: 1:14 (7%)

Kit 200

Height: 0 - 2.1 cm - length: 25 cm.

Kit 201

Height: 2.1 - 4 cm - length: 50 cm.

Kit 202

Height: 4 - 7.5 cm - length: 100 cm. 2 layers pre-assembled.

Kit 203

Height: 7.5 - 11 cm - length: 150 cm. 4 layers pre-assembled.

Kit 204

Height: 11 - 15 cm - length: 200 cm. 6 layers pre-assembled.

Add-on 200 - repair set

Height: 0 - 1 cm.
Used for extra height adjustment of up to 1 cm on KIT 201 - 204 or as a repair set when re-locating KIT 201 - 204.

KIT 201-204 S

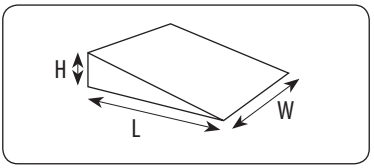
KIT 201-204 above are also available as outdoor models with Excellent SlipStop. KIT 201 S, KIT 202 S, KIT 203 S and KIT 204 S.

How to choose!

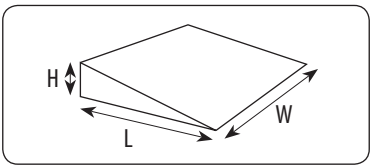
How do you select the right Excellent ramp Kit?

Excellent Ramp Kits are available in 3 series, all covering heights from **0 – 15 cm**.

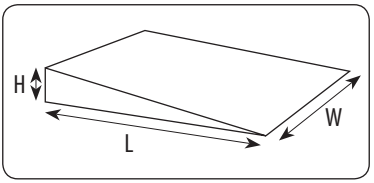
Kit: 0 – 4 Ramps 75 cm in width, with a gradient of 1 : 7 (14%)
This series is described on page 4.



KIT: 100 – 104 Ramps 100 cm in width, with a gradient of 1 : 7 (14%)
This series is described on page 5.



KIT: 200 – 204 Ramps 100 cm in width, with a gradient of 1 : 14 (7%)
This series is described on page 6.



You need to know the height (**H**) and decide on a width (**W**) of 75 or 100 cm. Next you must decide which gradient best will suit your purpose. In most situations this will be determined by available space, due to the fact that a ramp with a gradient of 7 % is twice the length (**L**) of a ramp with a gradient of 14 %.

Upon delivery of your Excellent ramp Kit, start by viewing the bundled DVD, which contains a step-by-step guide to the installation process. An assembly guide and saftey instructions are also included. Both should be read carefully.

Should I choose Kit or Kit "S"

The slip resistant properties of Excellent ramps depend primarily on weather conditions and the types of footwear (or tyres) used.

The British standard BS7976 (The British Pendulum Test) is used to determine slip potential of surfaces. Test values are divided into 4 groups: **High slip potential**, **Middle slip potential**, **Low slip potential** and **Minimal slip potential**. The complete test is shown on page 11.

In dry conditions, our "Kit" exhibits Minimal slip potential, and in wet conditions Low slip potential.



For outdoor use we have therefore developed the Excellent SlipStop product, abbreviated as "**S**".



In wet conditions, our "Kit S" products now fall into a completely new slip potential group, "absolutely minimal slip potential".

If the ramp Kit is to be used outdoors, we recommend choosing Kit S.

Excellent KIT with Excellent SlipStop

- probably the most slip resistant ramp system in the world!
Excellent SlipStop is "patent applied for" .

Strong ramps!

We often receive enquiries about the strength of our ramps. "Can the ramp be driven over by a car?"... "Is it strong enough for a garden tractor?"... "My electric wheelchair weighs 250kg, is it safe to use it on the ramp?"... Etc. etc. **YES YES YES!**

Naturally, we have had our ramps tested for strength, but it can be difficult for our customers to assess the test data, as this is often expressed in units of pressure per cm^2 or m^2. We therefore decided to perform a more understandable test.

In co-operation with Jydske Dragonregiment (the Jutland Dragoon regiment) we built a ramp and drove a combat ready Leopard tank - with a mass of 62 metric tons - up onto the ramp. The result was quite simply **EXCELLENT**! The only trace left by the 62 ton tank was mud on the ramp - otherwise the ramp was in perfect condition.



Thanks to:
Jydske Dragonregiment for the loan of crew and vehicle used for the pressure test...

Excellent ramp system
- probably the strongest ramp system in the world!

The environment ...

A GREEN PRODUCT

All of us want our world to be a good, safe and healthy place - not only for ourselves, but also for generations to come. This has always been a guiding principle for us, as privat citizens as well as in our company policy, which is why we only use non-toxic materials in our production.

The type of plastic we use in our ramp systems, is commonly known as PELD or PEHD. PELD and PEHD are both polyethylenes that are exclusively made up of carbon and hydrogen. When incinerated they turn into carbon dioxide and water vapour. Polyethylene contains no chlorine, and will therefore not generate hydrochloric acid vapour when burned. The products do not contain softeners such as phthalates or similar compounds. Since our products are produced by injection moulding (a melting process under pressure), they contain no solvents that could otherwise be released to the atmosphere as VOC (volatile organic compounds).

The raw materials and colourings we use in our ramp systems, are approved for use with food and are totally non-toxic.

Apart from their non-toxic nature, PELD and PEHD can be re-cycled 100% for re-use in production.

We therefore have a waste-free production process, where any failed production pieces or off-cuts that our fitters bring back after on-site installations, are all sent for regeneration and subsequent re-use.

Choose Excellent Systems for a cleaner and greener environment.



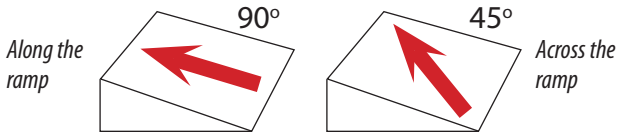
BS 7976 - The British Pendulum Test

The BS 7976 test machine





Test results are averages of several complete test cycles using 2 different types of rubber blocks. Slip resistance is measured on dry and wet surfaces. Slip resistance is measured at angles of 90 degrees and 45 degrees.



BS 7976 provides the following guideline values for slip potential:

Slip potential	Measured using TRL	Measured using 4S
High	0-19	0-24
Middle	20-39	25-34
Low	40-74	35-64
Minimal	>75	>65

Test results for Excellent ramp KIT and Excellent ramp KIT **S**:

Surface	Dry 90°	Dry 45°	Wet 90°	Wet 45°
KIT ramp without Excellent SlipStop	128	122	59	44
Slip potential	Minimal	Minimal	Low	Low
KIT **S** ramp with Excellent SlipStop	>150	>150	102	96
Slip potential	Minimal	Minimal	Minimal	Minimal

Test performed 11/04/2008 by:

Jørgen Meyer - Civil engineer

New packaging - new ideas

Products must be packaged, so that they kan be handled during transport, in the showroom, by the purchaser etc.

Excellent Systems could easily have chosen to make a good carton with colour print on the outside. But a carton is expensive and most people then have the problem of what to do with the carton, once the product is unpacked and installed. In some countries, the only legal way of getting rid of the empty carton, is to transport it to a recycling facility.

We have therefore chosen to package our products in carry bags that the individual user can use after "mission packaging" has been completed. We have received many positive comments for this "green" thinking. Here is a list of some of the suggestions we have received for use of the carry bags:

- Tennis rackets and balls.
- Bathing clothes + beach items.
- Camping table and chairs.
- Clothes bag under bed.
- Bed linen for camping.
- Card table and games.
- Storage of drawings.
- Transport of paintings.
- Storage of dress clothes.
- Sleeping mat.
- Shoes.
- Ski boots and clothes.
- Boots/Waders.
- Keyboard and mouse + cables.
- Folders.
- Cushions for garden furniture.
- Synthesizer keyboard.
- Recyclable bottles.
- Toys.
- Folding bicycles.
- Diving gear
- Air matresses + inflateable toys.
- Hand tools.

etc...

This is how the KIT bags look

Example of bag for Excellent Ramp Kit 1

(Shown on front page)





Example of bag for Excellent Ramp Kit 2

Example of bag for Excellent Ramp Kit 3





Example of bag for Excellent Ramp Kit 4

Tailor made ramps - to fully

The Kit - series ranges from 0 - 15 cm in height with different lengths and widths.

Should you require a higher ramp, a ramp that turns a corner, or a ramp that is accessible from several sides, we can help you. **We can make a ramp that suits your needs perfectly!**

If you require a tailor made ramp, just look on the back page and call your distributor. He will be helpful with a special solution, that perfectly suits your special needs.



y suit your requirements

With Excellent Ramps you don't need to rebuild your house. Our ramp systems can quite simply be adapted to any situation, not only in terms of form, function and gradient but also in terms of colour.

You and your requirements set the standard for the final ramp solution. Here you can see some examples of tailor made ramps.

We are only limited by our imagination!



Excellent Systems A/S

Excellent ramps and the KIT system are developed and desi
Frederiksen. The systems are protected by patents and num
are applied for. Excellent Systems products are manufacture
facilities in Denmark:

excellent systems as

Excellent Systems A/S . 8544 Mørke . Denmark
www.excellent-kit.com · info@ex-as.com

Excellent Systems has received numerous international awards:



1. price - Paris 2002
Le Trophée Autonomic



1. price - London 2002
Independent living



1. price - Montreal 2003
Innovation award



1. price - Newcastle 2000
Most innovative design

Norsk autorisert Forhandler

ronda hjelpemidler

Adresse
Randabergveien 308
4073 RANDABERG
Tlf. 918 98 621
Mail: post@ronda.no
www.ronda.no

S.E.&O.