

Type 500012

# Raleigh

Floor height: 90 cm



LEDON®

EXPLORE



## Specifications:

### Raleigh

Type 500012



**Floor height:**  
90 cm



**Age recommendation**  
From 1 year



**Maximum fall height**  
100 cm



**Product dimensions (LxWxH)**  
451 x 306 x 249 cm



**Area requirements incl. safety distances (LxW)**  
751 x 632 cm



**Approx. installation time**  
2 persons 5 hours



**Amount of activities**  
4 activities



Ledon Explore for the youngest focuses on creating an environment that allows children to become familiar with their bodies. Physical activity is crucial for the development of basic motor function, and it helps children learn about the body's different functions.

The structures invite to countless hours of playing - e.g. role plays that help children learn to negotiate, to come to agreements and to deal with minor conflicts. This world has got a lot to offer for everyone: slides, rope bridges, activity boards, lookouts, splash tables and much more.





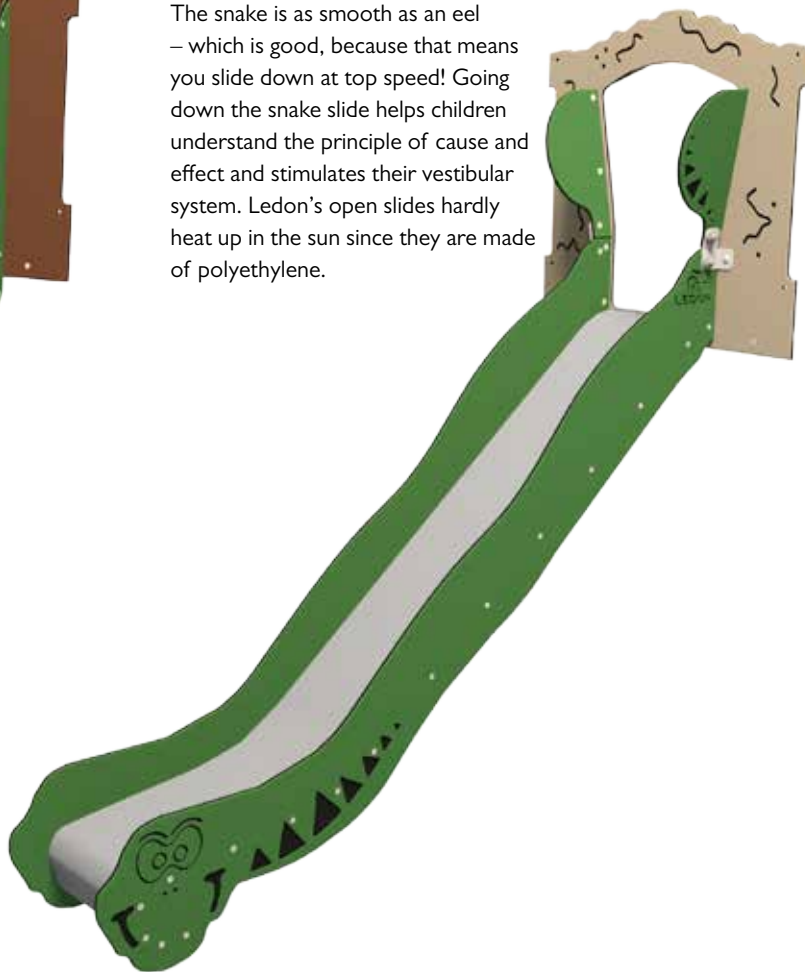
## Gangway

Come in – or out, if you wish. This is for kids tall and small. The gangway sports skidproof steps as well as round edges to make it safe for everyone to get to the top.



## Slide PE

The snake is as smooth as an eel – which is good, because that means you slide down at top speed! Going down the snake slide helps children understand the principle of cause and effect and stimulates their vestibular system. Ledon's open slides hardly heat up in the sun since they are made of polyethylene.



## Somersault bar

You can snake around it, spin around it or hang from it with your head down. The somersault bar allows plenty of artistic exercises that stimulate both vestibular system and sense of balance.



# Clearance and safety surfaces

## Platzbedarf und Fallschutzunterlage • Pladshensyn og faldunderlag

Safety surface in accordance with EN 1176

Fallschutzunterlag gemäß EN 1176

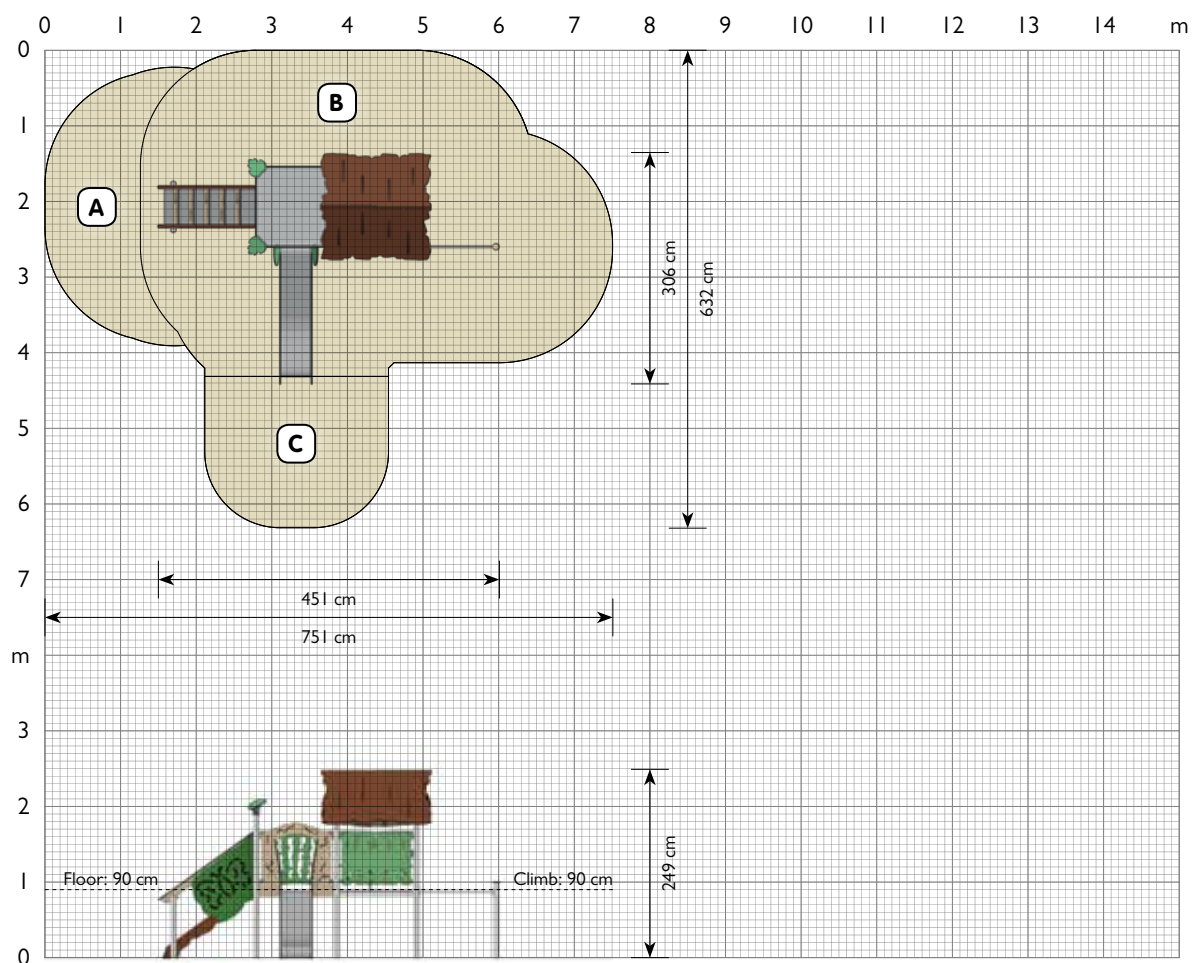
Faldunderlag i overensstemmelse med EN 1176

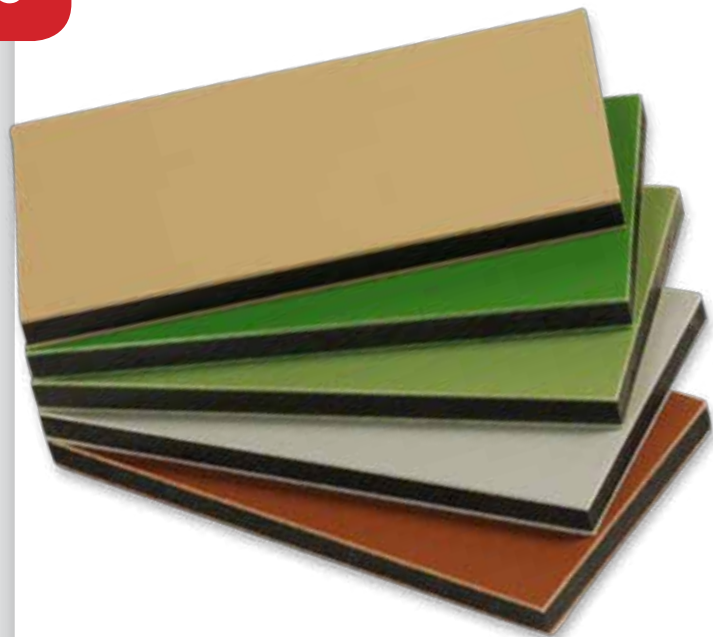
	Height • Höhe • Højde	(*) Area • Fläche • Areal
A	≤60 cm	4,1 m <sup>2</sup>
B	90 cm	22,7 m <sup>2</sup>
C	(**)100 cm	4,4 m <sup>2</sup>
Total		31,2 m <sup>2</sup>

(\*) Areas are accurately calculated values which are difficult to achieve in practice.  
Die Flächen haben die genaue berechneten Werte, aber sind schwer in Praxis zu erreichen.  
Arealerne er nøjagtigt beregnede værdier, som er vanskelige at opnå i praksis.

(\*\*) Slide exit areas are equivalent to a height of 100 cm.  
Der Auslaufs Bereich der Rutsche, ist äquivalent eine Höhe von 100 cm.  
Rutsjebaneudløbsområder svarer til en højde på 100 cm.

Scale • Maßstab • Målstok 1:100





# Materials

## Polyethylene

All polyethylene boards are especially developed for Ledon, aiming at getting the best possible quality. The material is maintenance-free and extremely hard-wearing – even scratches and fissures do not reduce its durability.

The boards are non-toxic and comply with EN71 (safety requirements for toys) as well as with the requirements of the United States Food & Drug Administration (FDA) as outlined in the CFR (Code of Federal Regulations) Title 21, Section 177.1520.

Our polyethylene boards are available in 11 different colours with a black core. The boards are UV-stabilized regarding both shape and colour. We give 5 years guarantee on considerable fading.

## Skid-proof polyethylene

Our skid-proof polyethylene board is coated with a 3 mm rubber layer. Being a gimmick from the car industry, it also provides our playground items with extremely durable and skid-proof surfaces. We use this board for all stepping and seating surfaces.



## Nylon parts

All handles are made of nylon (PA6), have round edges and are shaped to offer good grip. This reduces eye and dental injuries. Fingers won't freeze to them. All parts are UV-stabilized regarding shape and colour. They are impact-proof from -40° C to +110° C. All parts are maintenance-free.

## Nut covers

All nuts and bolt ends are capped with nut covers, protecting children from sharp edges and the playground items from unwanted demounting.





## Materials



### Screws and bolts

Most of our playground items are assembled with either bolts, screws or specially designed aluminium bushes. All screws and bolts are made of stainless or galvanized steel.

### Metal pipes

All metal pipes and posts are galvanized to avoid rust. Metal pipes make a very stable construction and do not deform.



### Fittings

All fittings have got round edges and are galvanized.

### Ropes and net

All ropes and nets are made of six strands with eight steel wires each, that is a total of 48 steel wires protecting against vandalism. The rope can take a peak load up to 4,500 kg and does not brittle nor get slack. All climbing nets are put together with joints of impact-proof nylon (PA6).



# Ledon's warranties

– your assurance of quality and durability



## 20 Years warranty:

- Boards of HDPE
- Steel posts and top beams
- Floor beams and steel frames
- Other galvanized bearing parts
- Components of stainless steel

## 10 Years warranty:

- Other galvanized fittings
- Components of spray cast PE and PA6
- Cedar wood and Robinia
- Larch wood not touching the ground

## 5 Years warranty:

- Painted metal parts
- Springs
- Ropes

## 2 Years warranty:

- Movable plastic and metal parts

Ledon's warranties cover material faults in the stated length of time for the respective material. The warranty is only valid if the product was set up correctly and in accordance with Ledon's assembly instructions.

Ordinary wear and tear is not covered by Ledon's warranties, nor are damages caused by vandalism or misuse.

Changes in the material that only alter the product's appearance – such as changes in colour and shrinkage cracks in wood – are not covered by the warranty. However, we give 5 years guarantee on considerable fading of HDPE.

Products exposed to wet sand and salt conditions are not covered by Ledon's warranty against corrosion.



## Products approved of IAW EN 1176

Safety has got top priority at Ledon, which is why all our play items of course are checked and approved of IAW EN 1176. All certifications are made by TÜV or corresponding authorities. The TÜV-badge is only for products that live up to very strict safety, reliability and quality regulations.