

INCLUSION & ACCESSIBILITY

Impact protection and accessories
for inclusive playing environments



EUROFLEX®

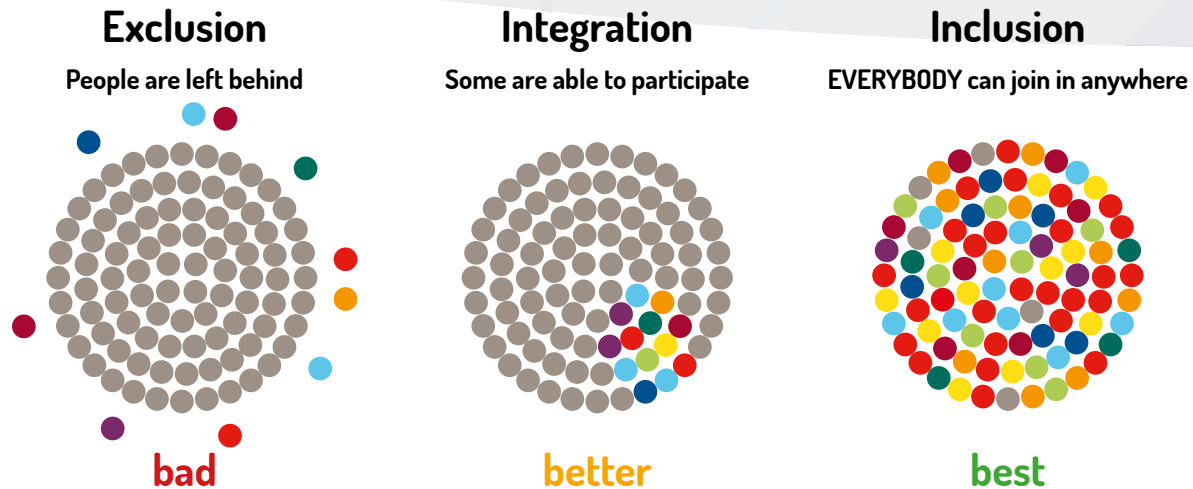


INCLUSION

What is that all about?



Inclusion is a term that you hear from time to time. It is familiar, but usually it's hard to explain. This should change, however, as inclusion is a human right and is becoming more and more part of the various laws and regulations that determine how people live and interact with each other. The more people know the definition of inclusion, the greater the chance that inclusion will become reality. Everyone should help to achieve this goal. Overall, inclusion means that everyone can be **everywhere**, everyone can participate in **everything** and no one is excluded! This is especially true for people with physical disabilities, people with learning disabilities and also the elderly.



What can be done to achieve inclusion?

- obstacles must be eliminated
- complicated descriptions must be simplified
- people should learn to think differently (prejudices against the performance of disabled people must be put into perspective)
- the range of suitable leisure activities must be increased
- keep talking about inclusion to ensure that as many people as possible learn about it





INCLUSION ACCORDING TO DIN 18034:2019-12

Playgrounds and outdoor areas for playing



DIN 18034:2019-12 defines planning objectives and requirements with regard to accessibility. It also applies to outdoor areas which, in addition to other uses, are partially or occasionally suitable for children to play. These are, for example, areas in the residential environment, in day-care centres, in sports facilities, in open-air swimming pools, in public parks and on schoolyards. According to this standard, accessibility is understood as a part of inclusion, which pursues the goal of enabling all people with and without disabilities to use the services offered largely independently without assistance according to their abilities.

According to DIN 18034, accessibility is the foundation for all planning.
The “Two-senses-principle” and the “Two-ways-principle” must be fulfilled.
Likewise, “Guidance systems” are also suitable for supporting accessibility.

Example “Two-senses-principle”

EUROFLEX® Living Animals

In addition to visual perception,
auditory perception is used



Example “Guidance system”

EUROFLEX® impact protection slabs

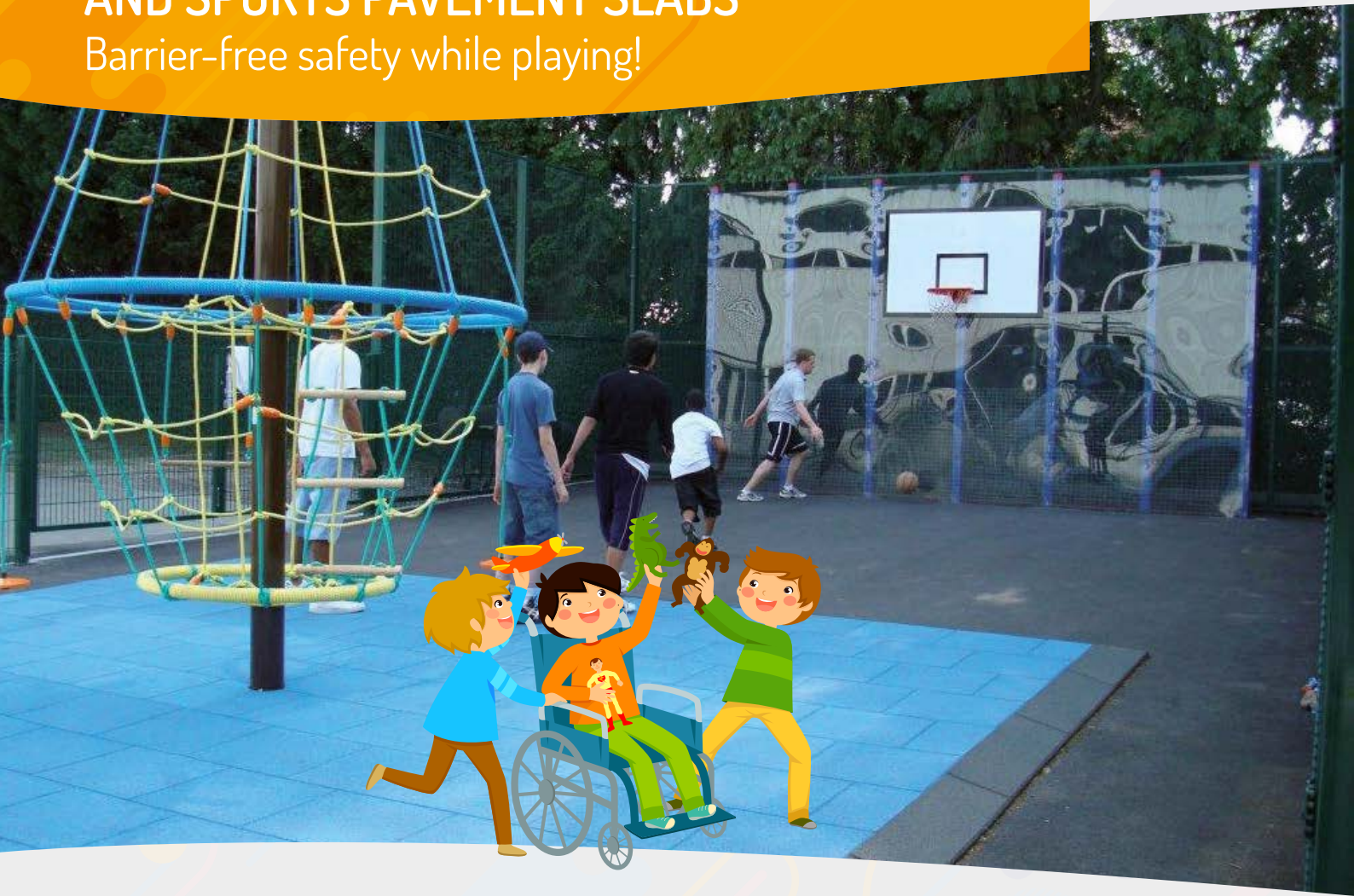
Different slab colours can be detected visually and thus
determine the direction





IMPACT PROTECTION AND SPORTS PAVEMENT SLABS

Barrier-free safety while playing!



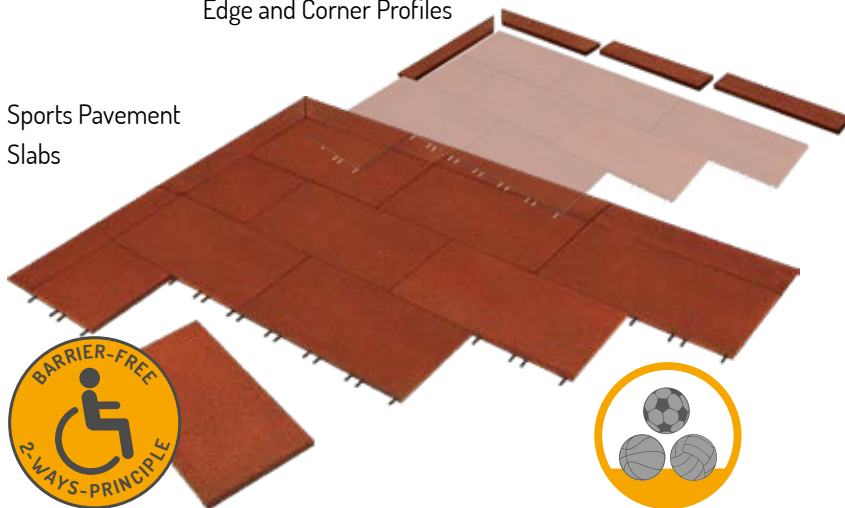
Outdoor playgrounds have always been very popular. In many places, areas with innovative design elements are being created to offer children not only the opportunity to play but also a measure of added educational value. Unfortunately, children with disabilities are not always taken into account and the areas are very difficult to reach with a wheelchair, for example. EUROFLEX® Impact Protection Slabs, combined with the appropriate edge and corner profiles, provide a solution to this problem. Not only do they protect against serious injuries, they also allow children with disabilities to play together without barriers. The many advantages of our products can, of course, also be transferred to outdoor sports and fitness areas, ensuring that the criteria of inclusion and accessibility are met here too.

Impact Protection Slab



Edge and Corner Profiles

Sports Pavement Slabs



Advantages and properties

- many friendly, vibrant colours
- consistent fall heights in all playground areas
- suitable for use as a guidance system for visually handicapped people
- barrier-free due to Edge and Corner Profiles
- therefore easy and safe to drive on with wheelchairs
- reliable protection from falling
- quick and easy installation due to connector pins

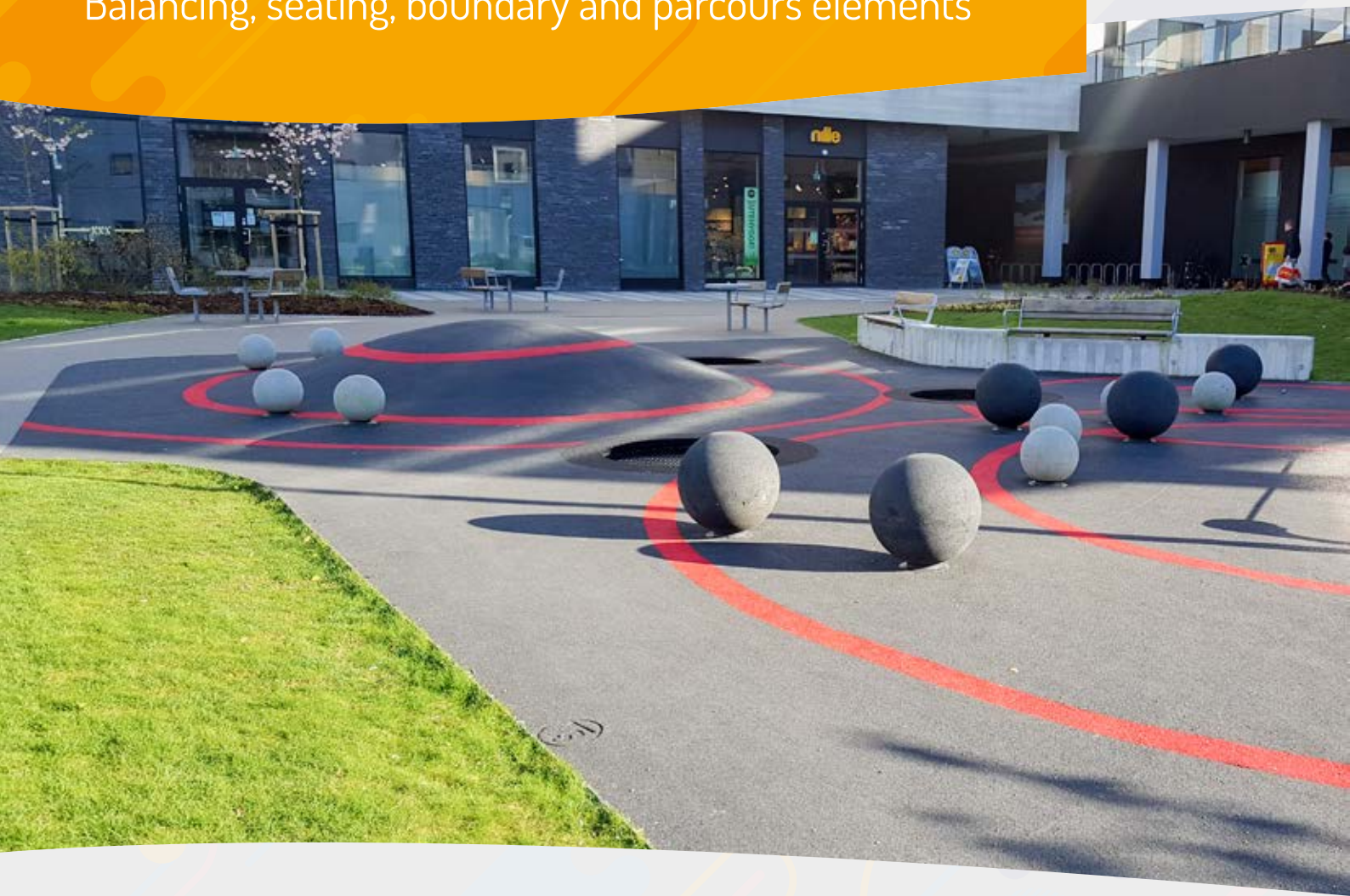
Advantages and properties

- available in SBR red, green, black, grey
- verified fall height 0,9 m (30 mm); 1,1 m (40 mm)
- ideal for barrier-free multipurpose sports areas
- easy and safe access for wheelchair users thanks to Edge and Corner Profiles
- 98% ball rebound behaviour
- quick and easy installation due to connector pins

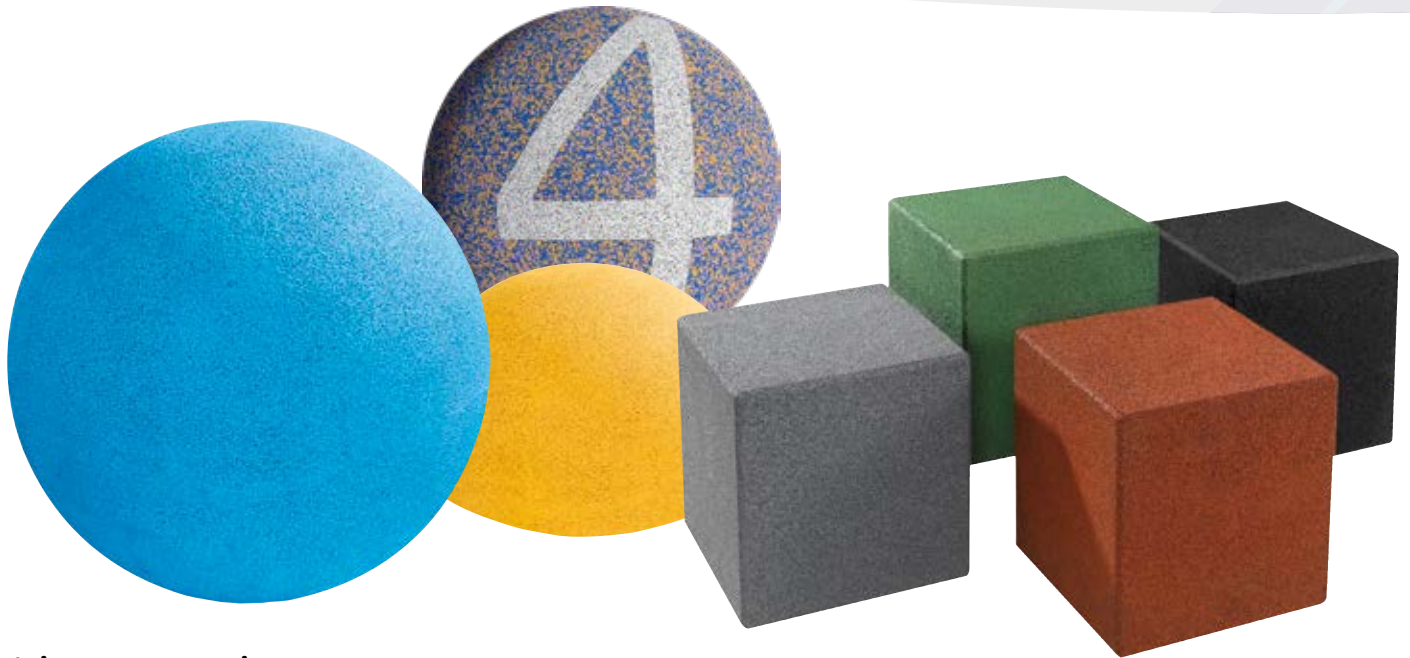


CUBES AND BALLS

Balancing, seating, boundary and parcours elements



Due to their harmonic shape, these design elements adapt to any environment and complete the overall composition of an area. They can be fastened using steel anchor or base plate. EUROFLEX® Cubes, Balls and Half Balls can be used to create courses for wheelchair users. Obstacles such as curbs, short but steep ascents and sloping surfaces must be negotiated several times a day. This requires a lot of skill and effort. Inexperienced wheelchair users can get into difficult situations very quickly. The obstacle course enables the wheelchair user to adapt and improve his skills and behaviour to the corresponding situations. At the same time balance, reaction, dexterity and coordination can be trained.



Advantages and properties

- ideal for climbing and as a design or boundary element for outdoor fitness areas
- combines well with other fitness equipment
- ideal for creating exercise courses for wheelchair users
- high colour variety (SBR, EPDM or EPDM multicolour rubber granules)
- different sizes (345, 500, 695 mm)
- Balls & Half Balls also available with numbers





INTERACTIVE GAMES

Innovative accessories with sound effects



These design elements look great and can also be used as a seating opportunity. The highlight: a specifically developed technology built into the objects enables energy for audio replay to be generated by muscle power alone. For example, by turning the crank at the back of the Living Animals, animal sounds or stories can be played, and for Talking Mushroom a story or any other sound file can be played by turning the mushroom cap. The ergonomics of the products make it possible for people with disabilities, to use this technology without any problems and thus enjoy this acoustic delight.



Living Animals and Talking Mushroom

- Sound is produced by muscle power
- can be operated from a wheelchair
- no electrical power supply required
- adjustable volume
- digital audio quality
- USB storage for MP3 audiofiles inside (a USB stick with animal sounds and stories in German and English is already included)



IMPACT PROTECTION & PLAYGROUND ACCESSORIES FOR PLAYGROUNDS AND MULTIPURPOSE SPORTS FACILITIES

made from rubber granules

KRAIBURG Relastec GmbH & Co.KG
Fuchsberger Straße 4 · D-29410 Salzwedel

Sales:

Tel. +49 (0) 8683 701 -145 or -156

Fax +49 (0) 8683 701 -4145 or -4156

euroflex@kraiburg-relastec.com

www.kraiburg-relastec.com/euroflex/en

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