

INCLUSIVE PLAY SPACES

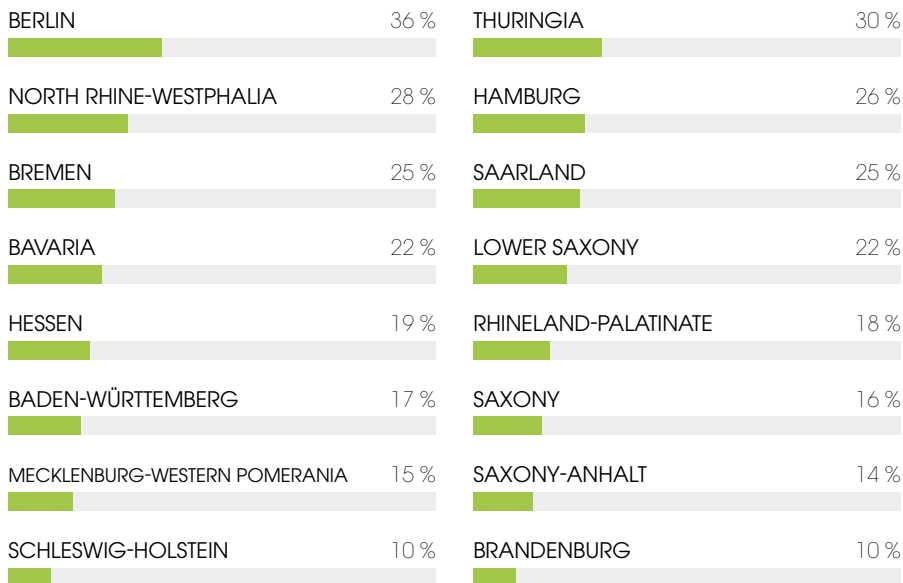
Where diversity becomes
a matter of course.



Inclusion – more than just an idea

Inclusion on playgrounds goes beyond the idea itself; it is a necessary reality that creates a positive, integrative environment for all children. Every child has the right to actively participate in play, regardless of their abilities, backgrounds or individual needs. An inclusive playground is based on the belief that diversity is enriching and that every child should be able to develop within a supportive environment.

Anteil inklusiver Spielplätze in Deutschland



Source: Aktion Mensch

Core issue: the ground

Playground surfaces are often underestimated but are a critical aspect of safety and accessibility—especially for children with special needs. The challenges associated with different playground surfaces are varied and affect not only the core requirement of children's safety but also economic and ecological aspects. A safe and barrier-free surface in high-traffic areas literally forms the "foundation" that enables all children to enjoy a carefree and positive play experience.

Uneven surfaces especially cause problems for wheelchair users. They can hinder participation, restrict access to play equipment, and severely limit mobility. Statistics and case examples highlight the urgency of the issue and the need for measures to improve playground surfacing across Germany.

stilum offers a wide range of solutions for barrier-free playground surfacing, enabling all children—regardless of their abilities—to move freely and safely and to participate in shared play.

Requirements for playground surfaces on inclusive play spaces

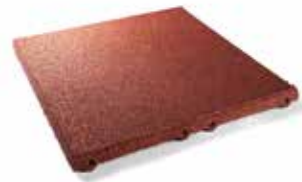


- ✓ Accessibility for wheelchair users
- ✓ Safety and fall protection
- ✓ Suitable for various mobility devices
- ✓ Easy access to play equipment
- ✓ Weather resistance and low maintenance

Terrasoft Impact Protection



- ✓ Barrier-free access
- ✓ Interlocking connection with Terrasoft system connectors
- ✓ Available in 5 thicknesses with fall heights up to 3 metres
- ✓ Easy and quick installation on all sub-bases









Material: Rubber granulate, also available with EPDM surface // IIR

Always barrier-free!

With Terrasoft impact protection slabs, you can create barrier-free access to play equipment—regardless of the existing surface. We offer an extensive range of bevelled slabs that integrate seamlessly into the installation layout.



	FALL HEIGHTS (m)							COLOURS	
	1,00	1,30	1,50	2,00	2,10	2,40	3,00	SBR ¹	EPDM ²
<div></div> <div>Terrasoft Slab 500x500x80 mm 500x500x65 mm 500x500x45 mm 500x500x40 mm 500x500x30 mm</div>	↑ ✓	↑ ✓	↑ ✓	↑ ✓	↑	↑ ✓	↑	<div></div>	
<div></div> <div>Safe System 500x500x65+22 mm¹ 500x500x45+22 mm²</div>				↑ ✓			↑ ✓	<div></div>	
<div></div> <div>Terrasoft Impact+ 500x500x45 mm</div>			↑ ✓					<div>IIR³ </div>	

Ground Indicators



- ✓ Tactile and visual guidance system
- ✓ Available in 7 colours, creating visual contrast to the surrounding surfacing
- ✓ Interlocking connection with Terrasoft system connectors
- ✓ Available in 4 thicknesses with fall heights up to 3 metres
- ✓ Directional guidance through longitudinal ribs, orientation change through studs



Material: Rubber granulate, EPDM | also available in IIR with EPDM surface

Inclusion starts at ground level!

In addition to barrier-free access for people with mobility impairments, Terrasoft ground indicators also provide safe pathways for people with visual impairments. They can be easily detected with a cane and are quickly integrated into the surfacing layout.

Guide strip



Item-No. 152045333

Nub structure





Item-No. 152045332



Item-No. 152045331

Ground indicators with stud structure are used where increased attention is required—for example at junctions or before crossings.

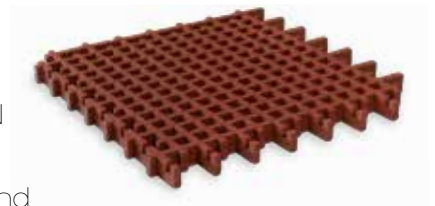
Available from 2026 in all thicknesses for fall heights up to 3 metres!

	FALL HEIGHTS (m)							COLOURS
	1,00	1,30	1,50	2,00	2,10	2,40	3,00	
Terrasoft Ground Indicator 500x500x45 mm	↑	↑	↑	↑	↑	↑	↑	
			✓					
Terrasoft Ground Indicator Impact+ 500x500x45 mm	↑	↑	↑	↑	↑	↑	↑	
			✓					

Lawn Grating Slab



- ✓ Grass-fillable fall protection
- ✓ Wheelchair accessible
- ✓ Certified fall height according to DIN EN 1176-1/12.17: 1.50, 2.10, 3.00 m
- ✓ Stable surface reinforcement, also behind embankment slides
- ✓ Fall height levels maintained even at low temperatures
- ✓ No turf displacement



Material: Rubber granulate or IIR, both available with EPDM surface

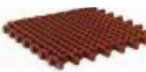

















A sustainable approach to inclusive play areas

The lawn grating slab functions as a stabilising surface that is firm, permeable and grass-fillable (48% grass area and 50% rubber surface). Made from recycled materials, it supports waste reduction.

Technical specifications and certifications ensure quality and safety. Lawn grating slabs are easy to install and provide a robust, durable and barrier-free base that meets the needs of all playground visitors equally.

Customer experiences and case studies demonstrate how lawn grating slabs contribute to creating inclusive play environments.



	FALL HEIGHTS (m)							COLOURS	
	1,00	1,30	1,50	1,80	2,10	2,50	3,00	SBR ¹	EPDM ²
 <div>Lawn grating slab</div>	1000x1000x100 mm								
	1000x1000x65 mm								
	1000x1000x45 mm								
									
 <div>Lawn grating slab Impact+</div>	1000x1000x100 mm								
	1000x1000x65 mm								
	1000x1000x45 mm								
									

Path bordering



- ✓ Barrier-free access routes to play equipment
- ✓ Wheelchair/walker accessible
- ✓ Certified fall height according to DIN EN 1176: 3.00 m
- ✓ Stable edging for the installation of impact protection slabs in loose fill
- ✓ Colour-coded marking of movement axes and play zones





Material: IIR, also available with EPDM surface

A sustainable approach to inclusive play areas

Playground operators increasingly aim to design their facilities so that they are accessible to all user groups—especially those with mobility impairments such as wheelchair or walker users. A level, load-bearing and shock-absorbing fall protection surface is essential for barrier-free use.

Terrasoft path edgings function as a stable lateral frame for impact protection slabs. They ensure the required structural stability and reliably prevent lateral shifting.



	FALL HEIGHTS (m)							COLOURS	
	1,00	1,30	1,50	2,00	2,10	2,40	3,00	IIR ³	EPDM ⁴
Terrasoft Path bordering Impact+ 1000x80x35 mm	↑	↑	↑	↑	↑	↑	↑ ✓		

Kerbstone ramp



- ✓ Barrier-free transitioning at trip edges
- ✓ Simply place against the kerb—done
- ✓ Integrated drainage for quick runoff of surface water
- ✓ Energy-saving use



Material: Rubber granulate

Dimensions (L x W x H): 1000 x 250 x 45–7 mm

Item-No.: 405245131 // Colour: black



Kerbstone ramp XL



- ✓ For high kerbs
- ✓ Trip protection through tapered edges
- ✓ Additional drainage to compensate for uneven ground
- ✓ Barrier-free transition
- ✓ Temporarily removable, e.g. for street cleaning



Material: Rubber granulate

Dimensions (L x W x H): 1000 x 250 x 110 mm

Item-No.: 405211131 // Colour: black



Swings



- ✓ Swings as an inclusive experience for everyone!
- ✓ Active participation in play
- ✓ Shared activities

Acoustics & Optics



- ✓ Sensory experiences: hearing, seeing, touching
- ✓ Interactive experience stations
- ✓ Design-oriented shapes

Touch & Feel



- ✓ Various materials for intense sensory perception
- ✓ Nature-inspired forms stimulate children's imagination

See & Experience



- ✓ Numerous combination options for individual surface design
- ✓ Child-friendly colouring
- ✓ Climbing, sitting, balancing

Rowing Trainer



- ✓ Wheelchair accessible
- ✓ Active upper-body muscle development
- ✓ Shared activities

Balance



- ✓ improved body awareness
- ✓ Strengthening of balance
- ✓ Promotion of coordination and muscle development

www.stilum.com



stilum GmbH · Gewerbegebiet Larsheck · 56271 Kleinmaischeid
Tel. +49 (0) 2689 92790-0 · info@stilum.de

