



The playground of bees



SIK-Holz

We build creative and sustainable children's playground

SIK-Holz® is a privately owned, medium-sized company based in Fläming, south of Berlin, Germany. Here we have been producing children's playground equipment from native Robinia wood since 1986. We employ more than 220 employees, primarily wood carvers, woodworkers and carpenters. All of the company's services can be found under one roof, from construction to production to installation on site.

Our material

Shaping dreams out of Robinia wood

We exclusively use Robinia wood for the construction of our play equipment. It is the hardest European timber. The physical qualities of Robinia are considerably better than those of other timbers as regards strength, density and hardness. Robinia has always been a very sturdy type of wood for use in construction.

The wood is sourced from forests in the German state of Brandenburg. These are managed under natural mixed cultivation. We achieve one hundred per cent material use by reusing what is left of the wood.

«

Play is an activity
that we can't take seriously enough.

»

JACQUES-YVES COUSTEAU

Quality & design

Our claims: environmental compatibility, innovation, safety and aesthetics

The qualities of the wood, together with our individual and artistic play concepts, give the equipment a high degree of safety as well as a high fun factor. Quality and good design without equipment safety is unthinkable for us. For this reason, we observe the requirements of play equipment standard DIN EN 1176-2008 right from the planning stage.

We have firmly integrated the ISO 9001:2008 quality management system into the procedure of our organisational structures.



Without bees – no strawberries

Every third bite we take depends on pollination by a bee

Bees and plants have developed together and helped advance one another throughout the course of evolution. By flying from flower to flower and collecting pollen, bees spread the pollen grains, containing the male gametes of the pollen, to the stigma. From there, these pass through the style to the ovary and develop into seeds or fruits. This is how plants were able to reproduce, and they began to generate sweet juices to attract the bees to them. Today's flower forms with nectar cups and filaments make it possible for the bees to access the nectar easily with their long proboscis. Plants and bees are therefore a perfectly matched natural system with high ecological and economic importance. In Germany there are currently around 87,000 beekeepers, looking after around 750,000 colonies of bees. Producing around 25,000 t of honey a year, these cover around 20 per cent of domestic demand.

Yet bees are endangered. The death of bee colonies can be observed worldwide. This is triggered by various factors, for example, stress, high pesticide contamination and parasite infestations.

«In 2008, around 700 German beekeepers in the High Rhine area saw approx. 11,500 bee colonies die out. Farmers had used maize seed treated with the insecticide Clothia-

nidin. The wind blew the neurotoxin to the rapeseed fields and blossoming fruit trees. It penetrated the ground and was taken on by plants through the roots. The insecticide damaged the brood and destroyed the memory and sense of direction of the bees. They could no longer regulate the temperature in the hive, started shivering and died.

By looking at China, we can see what happens when we are unable to curb the loss of bees. There are whole stretches of land where bees were eradicated in the 80s – most likely due to the uncontrolled use of pesticides. Farmers now have to pollenate their fruit trees themselves. They have to brush out the pollen from each individual flower and let it dry out. Then the workers work by hand to pollenate the flowers. This work is not only painstaking but also expensive: if fruits, vegetables, spice plants and nuts had to be pollinated by human hands worldwide, this would cost up to 310 billion euros a year. Bees work for free – and much faster.»

Andreas Unger; The collective kingdom, Greenpeace Magazin 4.2011

With our thematic playground concept, we want to draw attention to the importance of bees through play and raise early awareness of this issue among «the little ones».

«

The trick is to turn everything that kids have to do or learn into a game or pastime.

»

JOHN LOCKE



Thematic play from an early age

The thematic backdrop of a play area can awaken the children's imaginations at the same time as prompting them to get to grips with the presented scenario.

Therefore bees, in an over-dimensional form, can be made into playmates or even role models for children, for example «Maya the Bee». She is known by all children, from the children's book right through to a cartoon series. These «small heroes» help the children to cope with their world and discover their immediate living environment. The presented elements are therefore tailored to this target group. We can also hope that adults will be prompted by the children's questions to think about the great importance and work of bees.

The following equipment can of course be complemented and expanded with our other products.



8.2.1.4 Backing table «White blossom»

0.5 m



8.2.37 Backing table «Strawberry»

0.5 m



1.4 Springer «Grasshopper»

⊕ ∅ 3.6 m | 0.55 m



1.6 Springer «Bee»

⊕ ∅ 3.6 m | 0.55 m



4.8.45 Carousel «Queen bee»

⊕ ∅ 5.5 m | 1.0 m



1.36 Springer «Bee colony»

⊕ 4.5 x 4.2 m | 0.75 m



9.1.6.8 Seat grouping for toddlers «White blossom»



9.34.1 Insect hotel



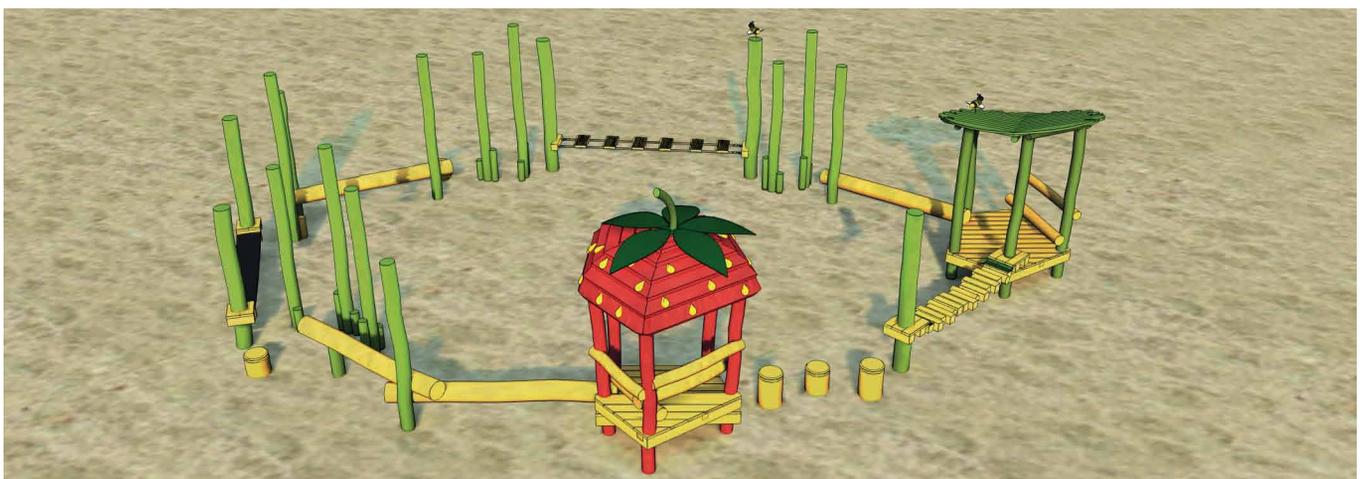
3.7.3 Gazebo «Leave»

⊕ 5.2 x 4.9 m



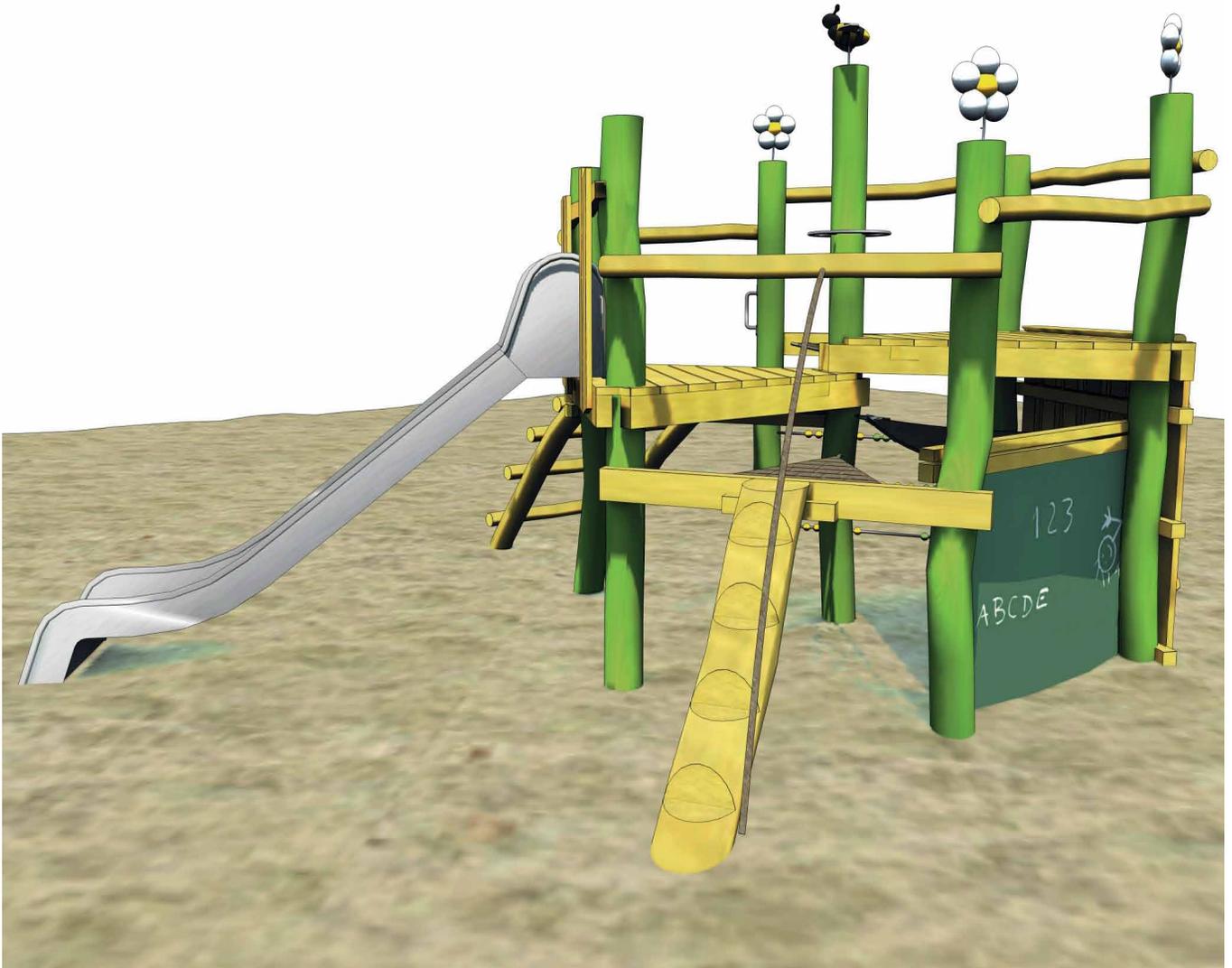
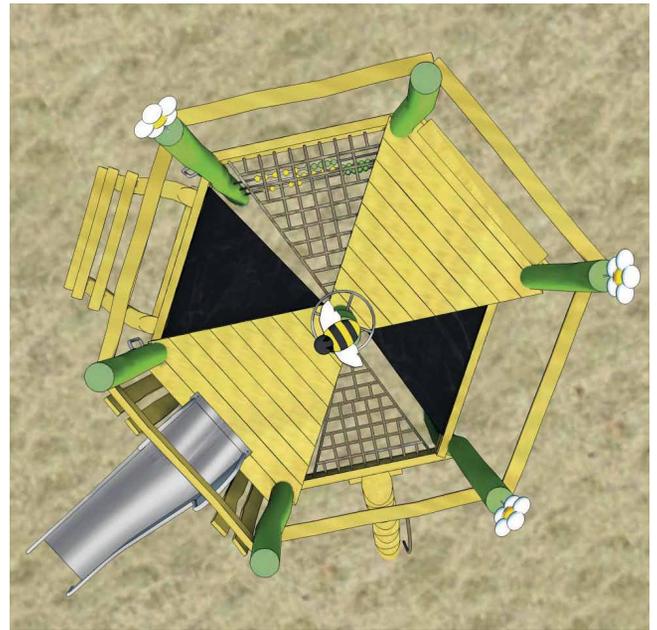
3.1.32 Playhouse «Strawberry» (with built-in bench)

⊕ 4.8 x 4.75 m



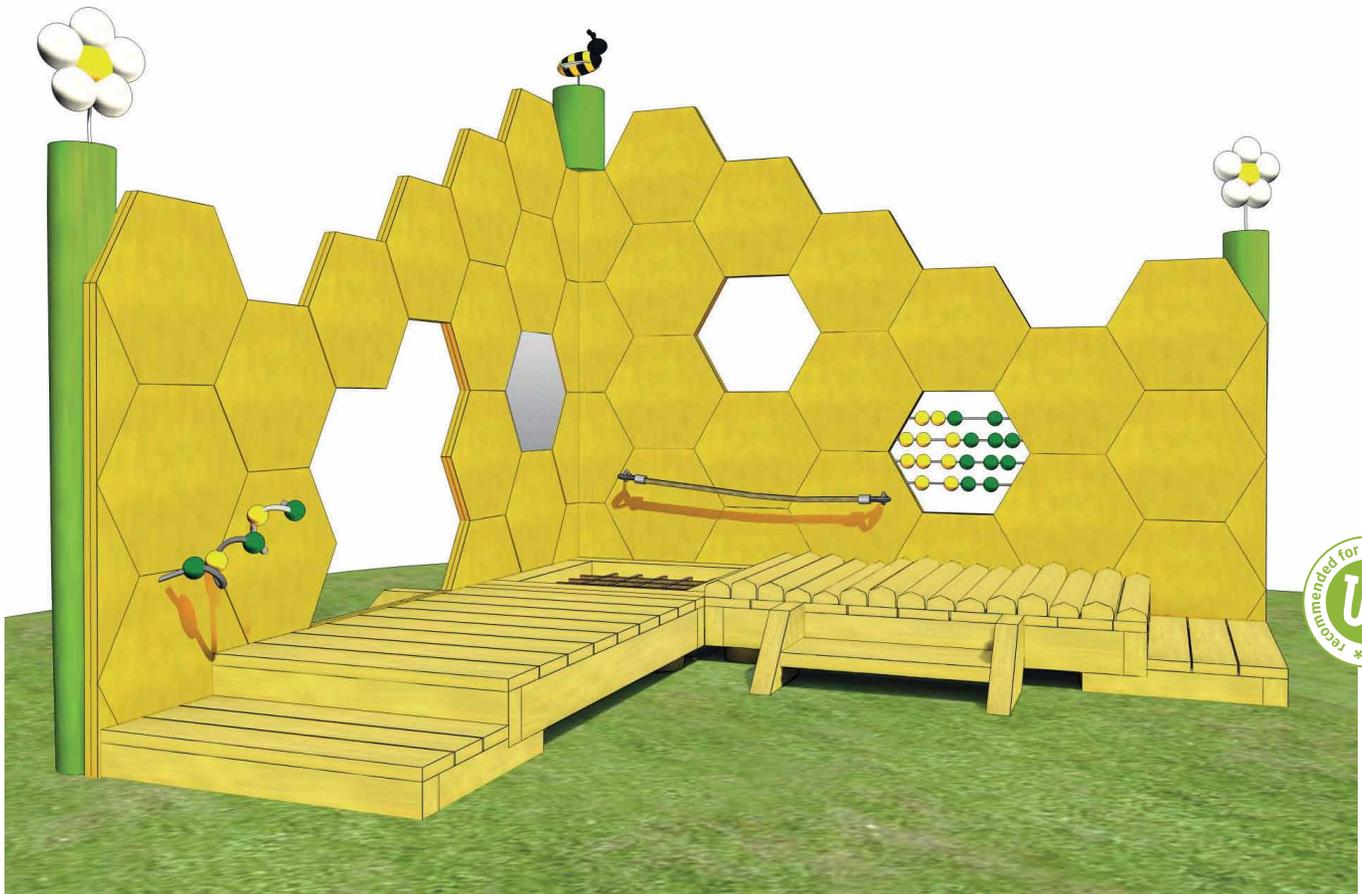
2.15.183 Balancing course «Meadow of strawberries»

⊕ 11.0 x 14.3 m ⊓ 0.6 m



2.8.6.1 Climbing combination «Honeycomb»

⊕ 6.8 x 8.1 m | 1.35 m



2.15.144.1 Course for toddlers «Honeycombs»

 5.7 x 5.95 m  0.25 m

Prices

order-no.	name of product	net price
8.2.1.4	Backing table «White Blossom»	
8.2.37	Backing table «Strawberry»	
1.4	Springer «Grasshopper»	
1.6	Springer «Bee»	
4.8.45	Carousel «Queen Bee»	
1.36	Springer «Bee Colony»	
9.1.6.8	Seat grouping for toddlers «White Blossom»	
9.34.1	Insect hotel	
3.7.3	Gazebo «Leave»	
3.1.32	Playhouse «Strawberry»	
2.15.183	Balancing course «Meadow of Strawberries»	
2.8.6.1	Climbing combination «Honeycomb»	
2.15.144.1	Course for toddlers «Honeycombs»	

Contact



SIK-Holzgestaltungs GmbH

www.sik-holz.de/en

your contact: