

# PRODUCT SHEET – EXPLANATION OF THE SYMBOLS



## Group

Category 1–9 from array of products.



## Age range

The indication of the recommended age range is based on experience. With the combination of single play elements, interesting play opportunities can be created, suitable for a wider age range. Our recommendation applies to each individual play item.



## Number of users

The base for that calculation is the DIN EN 1176 addition A.3 of users on one unit of equipment.



## Free height of fall

The free height of fall is the greatest vertical distance from the clearly intended body support to the impact area below. A distinction is made in standing, sitting, climbing and hanging use. Roof surfaces are not included in the fall height.



## Underground

Declaration of the ground material (1 = concrete / stone; 2 = bituminous surfacing; 3 = topsoil; 4 = turf; 5 = bark; 6 = wood chips; 7 = sand; 8 = gravel; 9 = other materials or thicknesses).



## Minimum space

Required area for the product in m<sup>2</sup>.



## Weight

The weight measurements of the entire construction and the separate parts are important in the planning of transportation and installation of structures. The use of naturally grown wood, the diameter of which can vary, causes slight differences and variations in the actual weight of structures.



## Installation times

The times indicated by us are met by normal-equipped installation companies. In case of installations by hand or under difficult conditions more time should be allowed.



## Foundations

Foundations apply to concrete quality C 20/24 according to DIN 1045. In case of equipment being delivered with a ground anchor, a soil cover of at least 25 cm is required to ensure safety.



## Concrete

Mass of the required concrete in m<sup>3</sup>.

No.	material	description	min. layer thickness mm	max. fall height mm
1	concrete/stone	- only applies in Germany -		≤ 600
2	bituminous surfacing	- only applies in Germany -		≤ 600
3	topsoil			≤ 1 000
4	turf			≤ 1 000
5	bark	grain size broken bark of conifers from 20 mm to 80 mm	200	≤ 2 000
			300	≤ 3 000
6	wood chips	grain size mechanically broken wood, without bark and leaf components from 5 mm to 30 mm	200	≤ 2 000
			300	≤ 3 000
7	sand	grain size from 0.2 mm to 2 mm	200	≤ 2 000
			300	≤ 3 000
8	gravel	grain size from 2 mm to 8 mm	200	≤ 2 000
			300	≤ 3 000
9	synthetic protection		according to producer	≤ 3 000

For loose bulk material, 100 mm minimum layer thickness must be added to compensate for the «gamblow-effect».

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