

platform alignment/fastening scale 1:100

- Assign a device location considering the space requirements (impact area).
 Slide direction recommended: north-east or in half-shade of trees.
- Excavate soil for foundations, according to drawing.
 Please note: To achieve maximum stability and a safe installation, a moderate level of soil solubility is required.
- 3. Pour in a drain layer of gravel of approx. 10 cm thickness between the bottom of the tubular pedestals and plain base of foundation.
- 4. Place posts type A (see foundation layout) according to the corresponding number into the respective foundation hole. Play level mark (=aluminium blind rivet) complies with the installation depth. Align every post by means of the play level mark facing into the same direction (see detail or foundation layout).
- 5. For installation of the pre-assembled components and/or single parts, the screws slightly have to be lubricated with installation paste!
 Screw together platforms and posts by using the respective hole in the mounting bracket (according to chart).

Tighten all screws <u>after having aligned</u> all components.
Install the slide exit with an inclination of 5° in sliding direction.

<u>Screw connections see details in list of screw cases attached.</u>

We recommend not to insert the protection caps enclosed before first maintenance as they are only suitable for one-time use (see description in

- 6. Grout foundations with compressed concrete C20/25, chamfer and round off the edges, cover the foundations with a surface which meets the requirements for impact attenuation so that the critical fall height of the surfacing shall be equal to, or greater than, the free height of fall of the equipment (acc. to EN 1176-1).
- 7. Release for play after concrete foundations have set.
- 8. According to maintenance instructions, check all screw connections after 4-5 weeks and retighten, if necessary. Afterwards cover the screw heads with protection caps as follows: Insert grey protection caps into the countersunk drills (e.g. for posts). The non-countersunk drills (e.g. for railings or a slide) have to be covered with the red protection caps by placing them onto the base part. Strongly pound them (e.g. by using a plastic mallet) until they audibly snap into the base part groove.

Please ensure that all special tools supplied (e.g. Allen key for secured Allen screws etc.) and all specific documents which are or may be useful for safety management acc. to EN 1176-7 (e.g. invoice, delivery note, order acknowledgement, installation instructions, maintenance instructions) are forwarded to the persons responsible.

Necessarily insert all attachment parts before tightening the screws.
It is NOT possible to insert them afterwards.

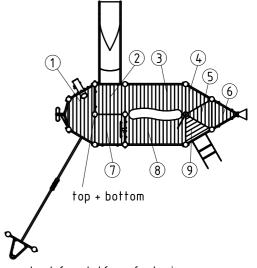
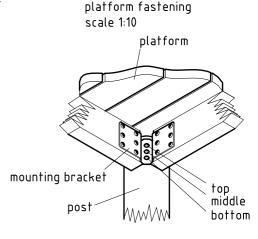


chart for platform fastenings

	fastening hole		
post No.	top	middle	bottom
1	X		
2	X		
3	X		
4	X		
5	X		
6		х	
7			Х
8			Х
9			X



1/1

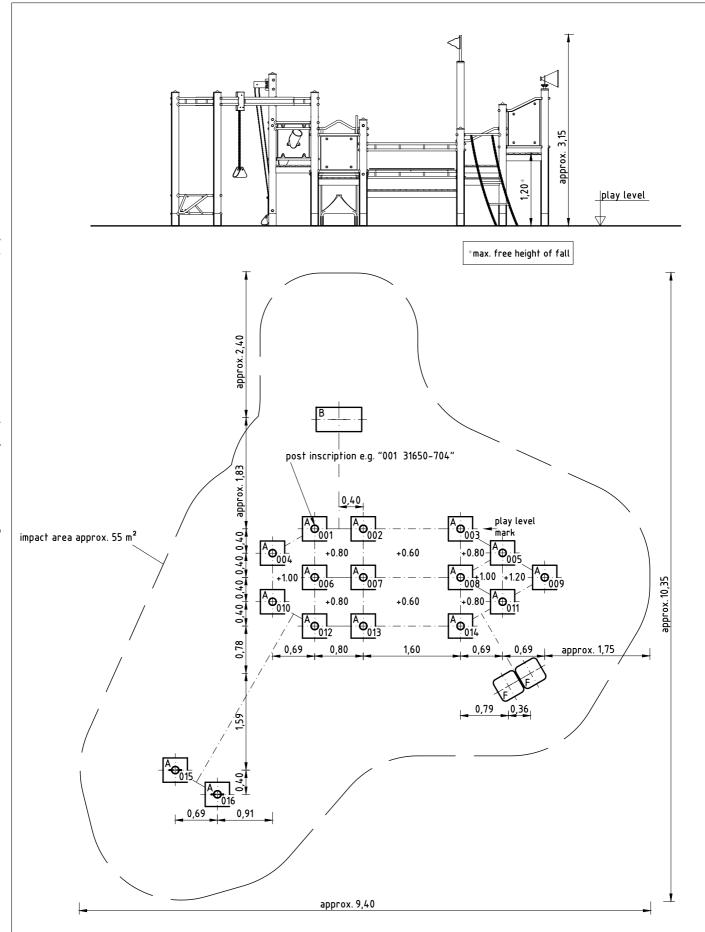
Designation
K&K Sandplayship

Scale

Status

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Item-No.



Please note:

Due to the format size, this installation is not to scale (apart from single details).

Please refer to the dimensions indicated.

An installation documentation scale 1:50 can be submitted on request.

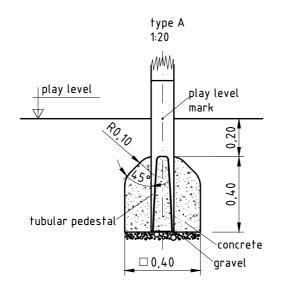
Installation

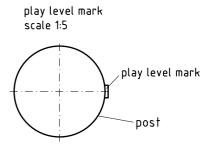
Item-No. **0-31650-704**

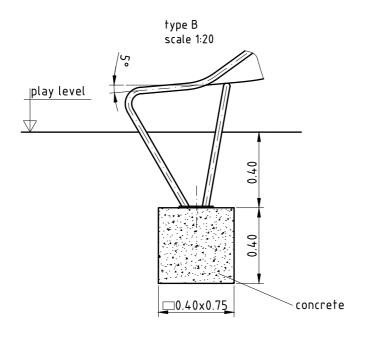
Designation
K&K Sandplayship

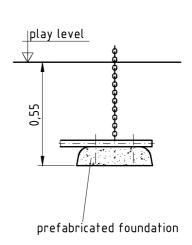
Scale none Status 07/18 DW

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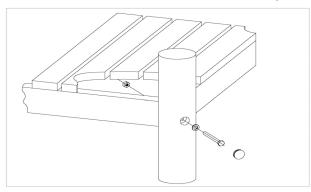
type F scale 1:20



Item: Order: 1293371

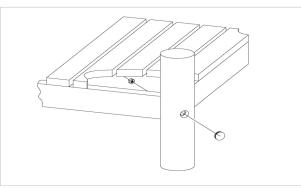
Location: Building Project:

33 x SFRS1200001 Platform at Robinia post, nut is platform-sided



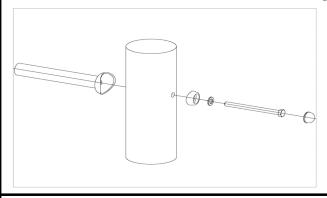
per set	total	item no.	material short text
1 x	33 x	3430129	Washer Ø 14 DIN1440 A2
1 x	33 x	3430021	Lock nut M12 DIN985 A2
1 x	33 x	3300016	Grey domed plastic cover cap SL 36 G
1 x	33 x	3400700	Hexagon head screw M12 x 120 DIN931 A2 with screw security coating/FGB red

1 x SFRS1200004 Platform at Robinia post screw fixed on production



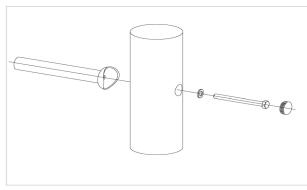
per set	total	item no.	material short text
1 x	1 x	3300016	Grey domed plastic cover cap SL 36 G
1 x	1 x	3430021	Lock nut M12 DIN985 A2

52 x SFRS1210001 standard bolting of components to Robinia posts in non-countersunk drilling



per set	total	item no.	material short text
1 x	52 x	3300055	protective screw cap - upper part, M12
1 x	52 x	3300054	protective screw cap - lower part, domed M12
1 x	52 x	3430025	washer Ø 13 DIN125 A2
1 x	52 x	3400702	hexagon head cap screw M12x160 DIN931 A2

4 x SFRS1230004 Standard bolting of climbing poles, ramps etc. to Robinia posts with countersunk holes



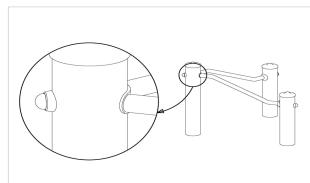
	per set	total	item no.	material short text
	1 x	4 x	3300016	Grey domed plastic cover cap SL 36 G
	1 x	4 x	3430129	Washer Ø 14 DIN1440 A2
	1 x	4 x	3400701	Hexagon head cap screw M12 x 130 DIN931 A2 with screw retention coating/FGB red



Item: Order: 1293371

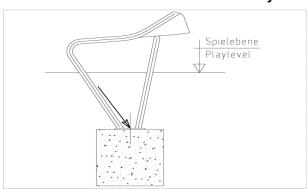
Location: Building Project:

2 x SFRS1210005 Twin-step-railing at robinia post



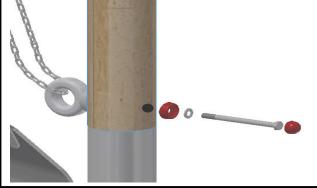
per set	total	item no.	material short text
1 x	2 x	3400363	Hexagon head cap screw M12 x 150 DIN931 A2
1 x	2 x	3300055	protective screw cap - upper part, M12
1 x	2 x	3300054	protective screw cap - lower part, domed M12
1 x	2 x	3430051	Hexagon cap nut M12 DIN 986 A2
2 x	4 x	3430025	washer Ø 13 DIN125 A2

2 x SFXS1070006 Slide run-out section (up to 2,00 m) on foundation stone bolt assembly



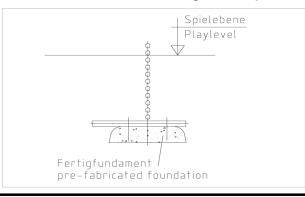
per set	total	item no.	material short text
1 x	2 x	1070365	Set of stone bolts for slide run-out section M12x160

1 x SFRS1260003 Fastening of chain of sand pulley to post



per set	total	item no.	material short text
1 x	1 x	3400702	hexagon head cap screw M12x160 DIN931 A2
1 x	1 x	3300054	protective screw cap - lower part, domed M12
1 x	1 x	3300055	protective screw cap - upper part, M12
1 x	1 x	3430025	washer Ø 13 DIN125 A2
1 x	1 x	1040731	weld piece/post attachment/twist protection

4 x SFXS1230007 Connection pipe between chain ladder/space net/climbing net and prefabricated foundation (item N° 15150)

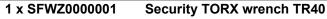


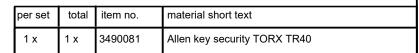
per set	total	item no.	material short text
1 x	4 x	3430025	washer Ø 13 DIN125 A2
1 x	4 x	3400498	Hexagon head cap screw M12 x 55 DIN931 A2



1293371 Item: Order:

Location: **Building Project:**







2 x SFWZ0000012 lubricating metal (30 g box) incl. brush



per set	total	item no.	material short text
1 x	2 x	5300039	lubricating metal box 30g
1 x	2 x	5200026	brush for lubricating metal

16 x SFES1270007 Reinforcing steel for tubular pedestals



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per set	total	item no.	material short text
1 x	16 x	2130000	reinforcing steel Ø 10 x 310 DIN 488