

Akadinda

Product Assessment



Accredited Contractor
CHAS.co.uk

TNTY GROUP Vretenvägen 13B, 171 54 Solna, Sweden

t: +46 842 002 688 e: info@musical-play.com w: www.musical-play.com

Certificate of Conformity

Issue date: 6th June 2019



Products covered:

Akadinda

The product detailed has been assessed as conforming to the main dimensional requirements of BS EN 1176:2017 based on technical drawings provided by the manufacturer

The desktop product assessments undertaken by the Play Inspection Company Ltd are not a formal certification as would be produced by an accredited test house. They are an indication of conformity based on drawings and dimensional information provided by the client.

We will check the major dimensional requirements as set out in the current standards for playground equipment (BS EN 1176 – Parts 1-6, 10 & 11 as applicable to the product assessed. These dimensions include such things as barrier heights, platform heights, free height of fall, head and neck entrapment etc. but will exclude finer detail such as finger entrapment and toggle entrapments as these cannot be fully assessed based on a drawing alone. We do not undertake any structural assessment or testing, that element remains the responsibility of the designer; nor do we assess the suitability of materials used in the construction.

Reference Standards

BS EN 1176:2017 Part 1

Assessed by: Keith Dalton

A handwritten signature in black ink that reads "K Dalton".

TNTY GROUP

TNTY GROUP

Vretenvägen 13B

171 54 Solna

Sweden

Akadinda Risk Assessment

Assessment Date: 6th June 2019

Assessor: Keith Dalton

Manufacturer: TNTY GROUP

Risk Assessment: Very Low Risk



Activity: Use of musical playground equipment item

Number of Persons at Risk: Users, plus spectators

Hazards Involved with the Activity:

- Collision
- Entrapment

Safety Measures/Controls:

- All design requirements to comply fully with the requirements of BS EN 1176:2017 Part 1 incorporating, where required, criteria from all sections of the standard where it is deemed applicable to the safety of this item.
- The challenge (risk) associated with the use of the equipment is clearly foreseeable by the users.
- Age range: the intended age range for this item of equipment is for children of 3 years of age and above.
- A circulation Area of 1.50 metres is recommended to allow free movement for spectators around the item without moving into the space required for the safe use of the equipment.
- Correct siting of the equipment item within the playground environment to ensure free passage of playground users around the area.
- Detailed inspection and maintenance procedures to be provided for the equipment providing guidance on allowable tolerances during normal operation.

Risks remaining after the application of control measures:

Collision

With all control measures applied there will still be a risk remaining of users colliding with the equipment or with other users. It is considered that this remaining risk is of no significance, or any different from similar equipment item that incorporates this type of movement.

Given the provision of the safety measures detailed the remaining risk is considered to be 1 x 2 VERY LOW RISK

Additional Controls Required:

None

Risk Rating:

| Likelihood | | Severity | |
|------------|--------------------------|----------|---|
| 1 | Very Unlikely | 1 | Minor abrasion, light bruising |
| 2 | Not Very Likely | 2 | Small cuts, light sprains, more severe abrasion |
| 3 | Will happen at some time | 3 | Deep cuts, severe sprains etc. requiring medical intervention |
| 4 | Likely to happen | 4 | Injury requiring medical intervention and hospitalisation |
| 5 | Almost Certain to Happen | 5 | Permanent disability/death |

| Risk Score | Description | Action Required |
|------------|----------------|---------------------------|
| 1 – 5 | Very Low Risk | Maintain control measures |
| 6 – 10 | Low Risk | Review control measures |
| 11 – 15 | Moderate Risk | Improve control measures |
| 16 – 20 | High Risk | Prevent access to item |
| 21 – 25 | Very High Risk | Remove from site |

To establish the risk score multiply Likelihood by Severity

Controls Adequate:

Signed: *KR Dalton*

Date: 6th June 2019

TNTY GROUP

Assessment Review Date: 6th June 2020

