

TECHNICAL DATA SHEET

BOUNCE™ PLAY EPDM TUNNELS

General Description

Bounce™ Play EPDM Climbing Tunnel is a soft, impact absorbing playground element combining crawling and climbing functions. The tunnel features an integrated climbing surface on top, allowing children to climb, balance, and pass through the structure safely while encouraging physical activity and coordination.

This product is designed in accordance with EN 1176 playground equipment safety principles, while surface safety performance is supported by materials tested under EN 1177.

Material Composition

- Outer Layer: Bounce EPDM granules
- Binder: PU binder
- Structural Body: Polyester
- Inner Tunnel Surface: Smooth polyester coating
- Core Base Layer: SBR granules (underlayer support)

Material Quality & Testing

All EPDM granules and PU binders used in this product are manufactured under the Bounce brand and tested according to international standards.

Material-related tests include:

- EN 1177 (Impact attenuation)
- EN 71-3 (Migration of elements – child safety)
- EN 14836 (UV resistance)
- DIN 18035-6/7
- PAHs compliance
- EN 13501-1 (Fire classification)
- EN ISO 11925-2 (Reaction to fire)

Safety Requirements

- **Critical Fall Height (CFH):** Max. 120 cm
- **Safety Area:** 150-180 cm clearance required around the product.
- **Installation Surface:** Impact-absorbing surface recommended (EPDM, rubber, or equivalent).
- **Free Space:** No obstacles should be placed within the defined safety zone.

Installation

- Can be fixed to ground using steel rod anchoring system.
- Suitable for installation on EPDM, rubber, concrete, or compacted base.
- Professional installation recommended.

Maintenance

- Easy to clean with water
- No special maintenance required
- Resistant to wear, weather, and UV exposure

Surface Properties

- Soft and elastic structure
- Impact-absorbing
- Non-toxic and child-safe
- UV-resistant and weather-resistant
- Anti-slip surface

Height	100 cm
Width	180 cm
Length	190 cm

