

TECHNICAL DATA SHEET

BOUNCE™ PLAY EPDM ORCA MINI

General Description

Bounce™ Play EPDM Orca Mini is a soft, impact absorbing playground element designed for safe and engaging play. Its marine-inspired form supports climbing, sitting, and imaginative interaction while maintaining a secure experience thanks to its compact size.

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
- Inner Core: SBR granules

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:

- FIFA Test Method 2024-11 (UV ageing & colour fastness)
- FIFA Test Method 2024-16 (Thermogravimetric analysis – rubber content verification)
- EN ISO 4892-3 (UV resistance)
- PAH content compliance (EU safety regulations)
- EN 1177 (Impact attenuation)
- EN 71-3 (Migration of elements – child safety)

Safety Requirements

- **Critical Fall Height (CFH):** Max. 80 cm
- **Safety Area:** Minimum 150 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	60 cm
Width	75 cm
Length	110 cm
Weight	48 kg

