



Monocube Pole Vault fall area complete with nail-proof mat



Product features:

Mattress Construction: Alveolar

Coating: PVC 650gr/m² Fireproof- Class 2 fire rating

Product description:

Pole vault fall area with monocube construction , composed of **shock-absorbing mattresses** in expanded polyurethane foam (PU), with a density of **21kg/m³**, **70 cm thick (+10 cm of anti-nail mat)** and covered in PVC tearproof, weighing 650g/m²

In this version with **monocube** construction, the area is made of sponge blocks, **held together by a single PVC lining**.

The internal construction is of the "**alveolar**" type, in order to better cushion the athlete's fall, while the PVC covering is equipped with **air leaks** , which avoid the "balloon" effect during the impact phase with the mattress.

The construction scheme includes a **base** , with a **total size of 500x500 or 600x600 cm** (depending on the area chosen) to which **the 2 or 2.5 meter slides must be added**.

These benefit from the same honeycomb construction technique, and are made in four bodies (two on each side) of which two degrading from 80 cm, up to 40 at the outermost point facing the run-up.

Above, the **mat with anti-nail net** is positioned, made in a single solution, with a **thickness of 10 cm** , bringing the fall area to a **height of 80 cm** .

The Pole Vault landing area is available in the following sizes:

- CM 700x500x80(h)
- CM 850x600x80(h) - **World Athletics approved**



To complete the fall area it is possible to purchase the custom-made **rain cover** , essential for protecting the mattress from atmospheric agents, and the painted or galvanized **steel lifting structure** .