



Monocube Pole Vault landing area complete with nail-proof mat World Athletics approved



Product features:

Mattress Construction: Alveolar

Sponge density: 21 kg/m³

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

Product description:

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

In this version with **monocube** construction, with **World Athletics approval** , the area is made of sponge blocks, **held together by a single PVC lining and has a total size of 850x600x80(h) cm.**

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 plan includes a **600x600 cm base** to which **the 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** .

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** .