



ARENA MULTI-SPACE COMERCIAL CENTRE

PROJECT DESCRIPTION

The Arena Multi-space Commercial Centre brings together nearly a hundred shops dedicated to fashion.

Chapman Taylor requested a large canopy of 6.000m² to protect and convey an open-air experience.

Three-tier structure. Allows natural ventilation inside and smoke evacuation in case of fire.

Our challenge: optimizing weather conditions, enhancing and promoting business activity, by means of an ETFE transparent covering.

CHARACTERISTICS

Material	ETFE
Application	Comercial centre
Surface	6.000m ²
Location	Valencia
Architect	Chapman Taylor
Year	2010

TECHNICAL DATA

What is transparency?

When we apply this term to ETFE COVERINGS, we can say, in a simple MANNER, that it means clearly seeing outside, seeing the clouds pass. This is what is felt inside the Arena Multiespacio. A large transparent canopy that protects customers, and allows natural ventilation of the facility.

IASO puffy cushion system

It is constructed with two or more closed ETFE laminates

in its perimeter and supported with a perimeter anchorage system. Requires an air inflation system in low humidity and at low pressure (250 Pa), which is produced by a unit consisting of fans and air distribution ducts. IASO solar control system cushions, which by movable intermediate layers and with an upper layer and printed intermediate to modify the passage of light and solar radiation.

IASO® Better Outside

TEXTILE
ARCHITECTURE

