



PATHÉ CINEMA

PROJECT DESCRIPTION

The architect designed the building in the form of a slim prism that integrates the emergency exit from the cinema rooms.

This totem with a varying square cross section and a height of 30m has a translucent backlit exterior skin. This gives the image of a large lamp lit with a range of colours thanks to the system of RGB LEDs.

The lower part of the totem ends with a stainless steel mesh. The cover is a translucent matte ETFE membrane on the exterior, an air chamber containing the lights and a white PES/PVC membrane on the inside. This last textile reflects the light to the outside.

A structure 13.6m high with the same façade type was also built on the corner of the annexed building.

CHARACTERISTICS

Material	ETFE
Application	Others
Surface	ETFE Film: 740m² Membrane: 700m²
Measures	ETFE Film: 7 x 7m approx. and 30m high Membrane: 3 x 3m approx. and 13m high
Location	Massy, France
Architect	AECDP
Year	2017

TECHNICAL DATA

Construction of façades with ETFE membranes, using IASO's single-layer system reinforced with cables. Each façade consists of a single membrane made from matte ETFE sheets (250µm thick) from the brand ASAHI, reinforced with metal cables spaced every 700mm. Behind

these matte ETFE membranes, a white opaque PVC membrane (PRECONTRAIINT 702 S2 from Serge FERRA-RI) is installed at a distance of 586mm. In the air chamber between the two membranes, LED lights are installed at a distance of 273mm from the ETFE membrane.

IASO® Better Outside

TEXTILE
ARCHITECTURE



The PVC membranes are fixed to the metal structure of the totem using a spring system and equipped with a peripheral gasket.

The cables are spiral-type, made of AISI 316 stainless steel, 8mm in diameter, and anchored to the metal structure at both ends. On one side, they are tensioned using a threaded rod system. The cables are inserted into the membrane sleeves. Edge waterproofing is achieved with 1.5mm thick metal plates fixed to the totem corners. These profiles are made of silver anodised aluminium.

