

SYSTEM PLATON

Fire characteristics

Platon membranes have a fire classification of class F in accordance with EN 13967 and EN 13984, or B2 in accordance with DIN 4102 (normal flammable).

Platon membranes have an oxygen index of 18% (air normally has an oxygen content of 21%) i.e. Platon membranes will burn in air which contains 3% less oxygen than normal. In other words, they will burn relatively easily.

Platon membranes produce water and carbon dioxide when they burn. They do not give off toxic fumes. Incomplete combustion will give off some carbon monoxide, the same as for most materials.

The contribution to a fire is low, because the energy contribution or calorific value is small, compared with many other building materials.

In normal applications, Platon membranes are covered by other materials, so that the fire characteristics of these materials decide the fire risk in, and fire classification of, the construction.