

FIXED smoke compartment curtain

600 °C for 120 minutes / 1.000 °C for 60 minutes (D120 - DH60)



ACCORDING TO STANDARD

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FIXED SMOKE COMPARTMENT CURTAIN

Fixed smoke compartment curtains are specially suitable to be installed in industrial buildings and buildings where its lifting and lowering is not required, or for industrial uses where aesthetics is not essential.

Fixed smoke compartment curtains adapt to any space, although it has impediments such as beams, ducts and/or any other element standing out the installation.

CHARACTERISTICS

Fixed smoke compartment curtains are manufactured in textile fibre impermeable to smoke and gas and high-temperature resistant (600 °C for 120 minutes / 1.000 °C for 60 minutes, D120 - DH60).

Fixed curtains due to its low weight do not require any support structure for their installation.

At the bottom part, they have a counterweight in order to provide more rigidity and stability to the system for a perfect installation and finish in any building.

Barrier's length is unlimited.

ADVANTAGES

Limitation of the zone affected by the fire.

Ease the fire fighting operations.

Delays the combustion time.

Smoke-free access and evacuation routes.

More time to evacuate people and materials in the building.



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EFFECTIVE SYSTEM OF SMOKE CONTAINMENT

It is essential for the design of an “effective” smoke exhaust system, to create delimitation from the smoke and gas produced during a fire, so that they don’t propagate and invade other non-affected compartments. In order to do that, it is mandatory to install a certified and approved compartment and/or channeling system to guarantee a safe compartment.

Fabrics selected for the curtains manufacturing depend on the technical specifications of each project.

DIMENSIONS

Each project requires a customised solution. The manufacturing is tailored according to the needs. Dimensions of the curtains depend on each installation.

MATERIAL

AVERAGE WEIGHT:

450 gr/m².

THICKNESS:

0,43 mm.

COLOUR:

- GREY (Standard)

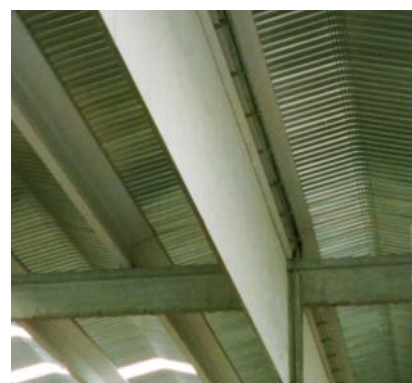
- WHITE (Optional)

APPLICATIONS

Industrial buildings
Warehouses
Distribution centers
Hangars
Shopping malls



Bottom part of the curtains comes with a hem in order to allow inserting a steel bar to support the stability.



CERTIFICATIONS

Standard	UNE-EN 12101-1:2005 + A1:2006 (EC-CERTIFICATE OF CONFORMITY 0672 - CPD - 0249)
Description	Heat and smoke control systems. Part 1: Specifications for smoke control curtains. (Ratified by AENOR in August 2006.)
Laboratory	MPA STUTTGART Otto Graf Institut

