



**FIRE CURTAIN
TECHNOLOGIES**

Smoke and Fire Curtains

SMOKE CURTAIN FIXED DRAFT CURTAIN SM-ST

A Fixed Draft Smoke Curtain contains smoke and heat in the case of fire.

Per NFPA 92B, Draft curtains are generally used to channel or contain smoke that is attached to the underside of the ceiling and protrude a limited distance downward.

Fire resistance
60 / 120 minutes



PRODUCT DATA SHEET | FIXED DRAFT CURTAIN

KEY FEATURES

Smoke curtain meets the requirements of **EN 12101-1**

Smoke tightness tests

Materials class: **A2-s1, d0**

Quality of cloth

1700°F Glass fabric

1850°F Glass fabric with coating and stainless-steel inlay

Manufactured in Germany by
COLT GROUP INTERNATIONAL
in accordance with ISO 9001:2008

PRODUCT DESCRIPTION

A fixed smoke curtain consists of several overlapping curtains attached together to provide a continuous run. They are connected together and to the building by means of clamps and angle pieces.

The bottom of the cloth is weighted, ensuring that the curtain remains taut, reducing the amount of deflection through air currents.

The installation angles and the clamping profiles are predrilled to accept rivets. The connecting pieces have a continuous predrilled hole pattern, enabling fast and easy assembly of the curtain fabric. The bottom bar has a loop to accommodate the weight.

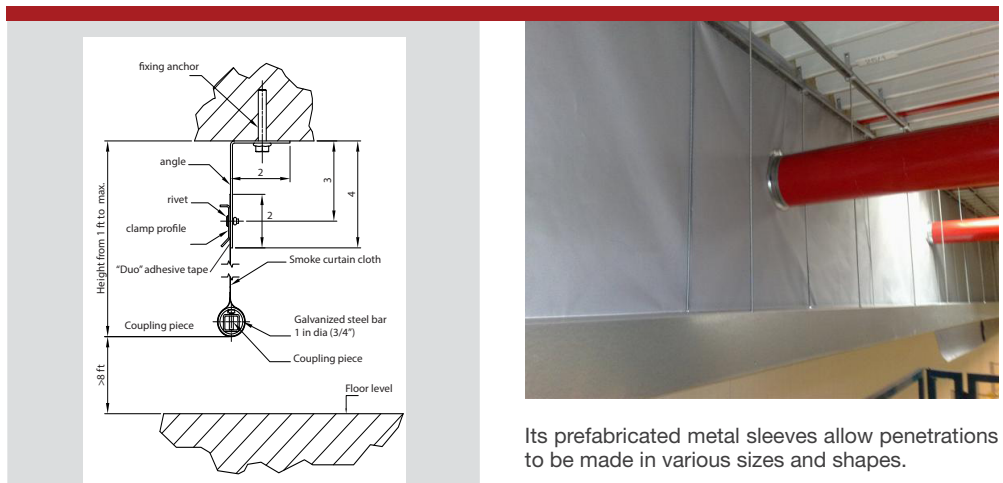
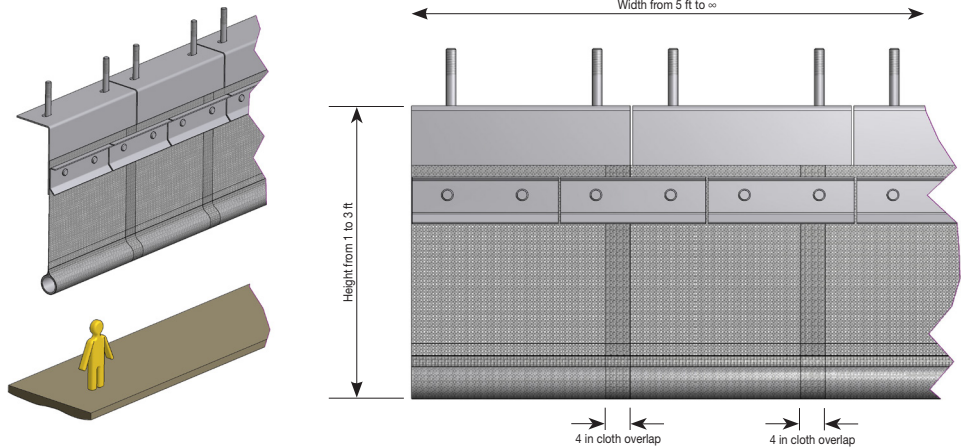
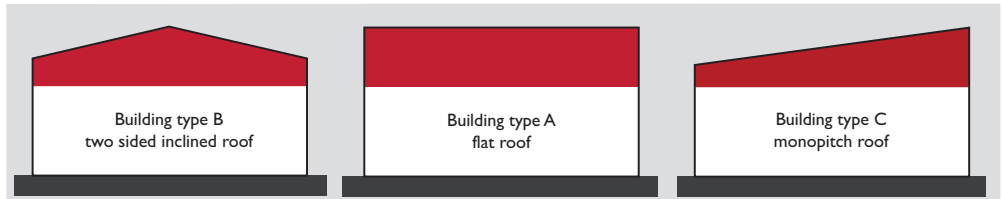
The SM-ST system can be used to close off a scheme of movable smoke curtains position below it, by clamping directly onto the housing of the movable smoke curtain. Fixing brackets, clamping profiles and bottom bars are all in galvanized steel.

The curtain overlaps can be attached to one another using a spray adhesive approved by MPA Stuttgart, which seals the flaps tightly to enhance the appearance of the surface of the curtain.

The SM-ST system is fixed to the building with approved fasteners at intervals of a maximum of 5 feet.

BENEFITS:

- Assist the emergency services by containing or channelling the smoke into predetermined areas.
- Limit travel and overcooling of smoke, reducing the risk of cold smoke dropping to low level and obscuring vision.



Its prefabricated metal sleeves allow penetrations to be made in various sizes and shapes.