CUTSHEET

FERCO AUTOMATIC FIRE CURTAIN - HORIZONTAL

ferco
SHUTTERS AND SEATING

DESCRIPTION

The Ferco Horizontal Curtain is a fire rated assembly designed to function as a horizontally deploying opening protective.
The system is activated upon receipt of a signal from the:
• General Fire Alarm
• Smoke Detection System
• BMS Module

The system is driven by a 24V DC motor arrangement or 230V AC motor subject to size. If a 230V motor is selected it should be connected to an independant UPS system in case of power failure.

PRODUCT ADVANTAGES

• Lightweight & Compact: Reduced headroom requirement.
• Flexible Design Solution: Meeting Bespoke requirements.
• Improved Aesthetics
• Mounting Options: Above the slab or Under the slab.

SYSTEM TESTED IN ACCORDANCE WITH

• System tested in accordance with UL 10D for 3 hours.
• Compliance with NFPA 80
• Method of Test NFPA 252
• Fabric: VWG690
• Stitch Load Test: Fabric tested to 500Pa of Pressure.
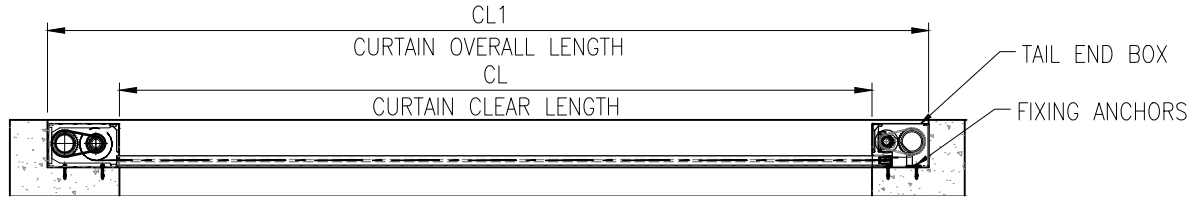• Oversize certification available

SYSTEM COMPONENTS

• Headbox: The steel headbox houses the roller, fabric and motor within the casing creating a small compact package that remains virtually invisible
• Fabric: Woven Fiberglass wire reinforced fabric with individual panels stitched and hemmed using stainless steel thread
• Bottom Bar: The bottom bar is 3mm GI sheet material which provides opening and holding of the fabric in a conditioned way.
• Side guide: During Deployment, slim steel side guides fabricated from 2 mm GI rolled Profile prevent derailment of the fabric during operation ensuring integrity of the system when faced by positive or negative pressures of fire.
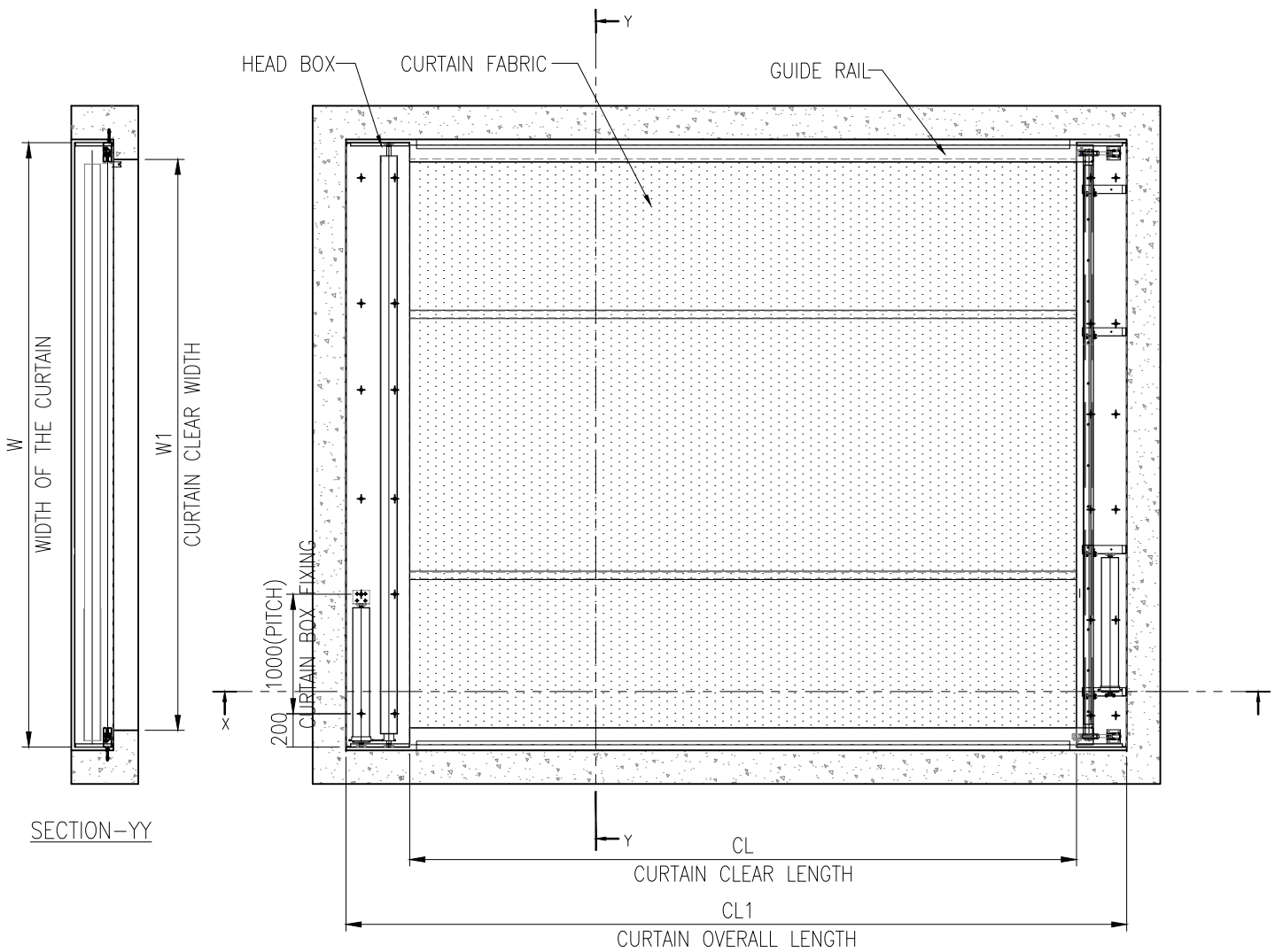

Horizontal Fire Curtain

FERCO AUTOMATIC FIRE CURTAIN - HORIZONTAL

CL1
CURTAIN OVERALL LENGTH
CL
CURTAIN CLEAR LENGTH
TAIL END BOX
FIXING ANCHORS

SECTION—XX

HEAD BOX   CURTAIN FABRIC   GUIDE RAIL

W
WIDTH OF THE CURTAIN

W1
CURTAIN CLEAR WIDTH

1000(PITCH)
200
CURTAIN BOX FIXING

SECTION—YY

CL
CURTAIN CLEAR LENGTH
CL1
CURTAIN OVERALL LENGTH

CURTAIN PLAN