

**The Art that
FIGHTS
Fire**

Technical Data Sheet
CURTAIN - EI₂120 ECO

meverin[®]
F I R E D O O R S

FLEXIBLE ROLLER CURTAIN EN FF C € EI₂ 120 ECO



FLEXIBLE ROLLER CURTAIN CE EI₂ 120 ECO

TECHNICAL CHARACTERISTICS

ECO curtain generation

- Lighter structure
- Reduced footprint
- Simplified and faster assembly
- Eco-friendly product, does not require special disposal

ECO EI₂ 120 Fire Curtains

PRODUCT TYPE	Single-layer flexible roller curtains
MOVEMENT DIRECTION	Vertical
INTENDED USE	Closing of openings in vertical partition walls
RESISTANCE CLASS	EI ₂ 120
APPROVAL DOCUMENTS	CE 1396-CPR-0203 issued by Fires (n° 1396)
COMPLIED STANDARDS	EN 16034, EN 13241
FABRIC WEIGHT	8,5 kg/m ²
CE DIMENSIONS	12 000 mm x 8000 mm (LN x HN)

Interior flexible fire roller curtain in class EI₂ 120

“Gravity Safe” Closing:

Gravity-driven closing in case of fire.

Seamless shaft, treated with anti-corrosive paint; the shaft diameter varies based on the curtain dimensions

Curtain fabric made with multilayer technology:

- Glass fiber fabric reinforced with stainless steel wire mesh, coated with a light gray silicone layer
- Gray color similar to RAL 7035 (the fabric cannot be painted)
- Anti-tear system: Bearings are located on the fabric edges, forming a protection system against accidental tearing from the guides

Counterweight at the end of the fabric made with steel rods

Headbox consisting of a cage:

- Galvanized steel side plates, functioning both as shaft housing and side closure for the headbox
- Support profiles along the entire width of the headbox: U-shaped (for face-fix mounting) or L-shaped (for reveal mounting)
- One layer of insulation panel (20 mm thickness) on the fire-exposed side (in case of face-fix mounting – at the front; in case of reveal mounting – at the front and behind the headbox). Note: The provided sources for the “ECO” model specifically state that there is no insulation panel included in that specific version
- Galvanized steel cladding: the cage is enclosed with galvanized steel sheet

Motor (determined based on curtain dimensions and weight):

- Becker, internal single-phase tubular motor. Required current: 220 V
- GfA, external three-phase motor. Required current: 380 V

Side Guides:

- Galvanized steel profile
- One layer of insulation panel (20 mm thickness). Note: It is important to mention that for the specific “ECO” model described in the sources, it is explicitly stated that there is no insulation panel included
- Galvanized steel cladding

Face-fix mounting:

205 mm footprint

In-reveal fixing:

150 mm footprint

Control Unit:

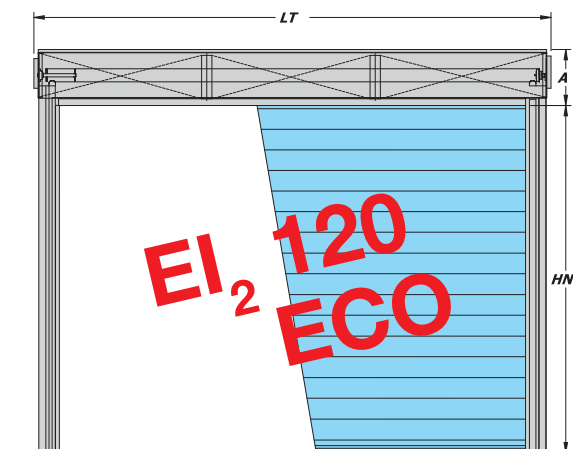
- Backup batteries to maintain the curtain in an open position in case of power failure
- Connection of the curtain to any fire alarm system
- Volt-free contacts for connecting potential fire detection accessories and/or monitoring systems

Additional Options:

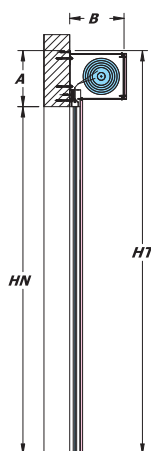
- Smoke sensors, release button, visual and acoustic signals
- Painting of steel elements in any color from the RAL palette, including visible elements like the headbox, guides, and bottom bar
- Anti-corrosive protection/painting in classes C3 to C5
- Stainless steel construction
- Safety bar
- Option for cold smoke leakage Sa (depending on the product)

FLEXIBLE ROLLER CURTAIN CE EI₂ 120 ECO

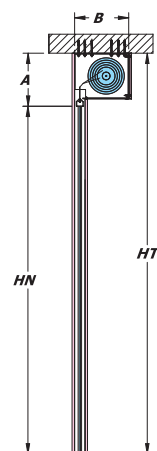
with Internal Motor



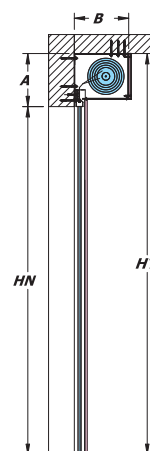
Front mounting



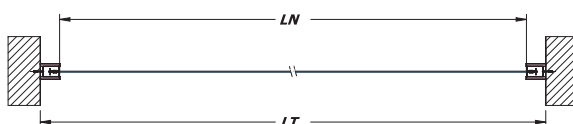
In-reveal mounting



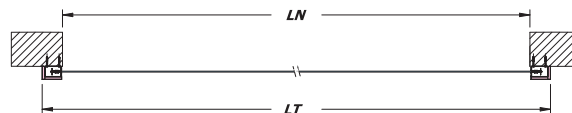
Ceiling-mounting



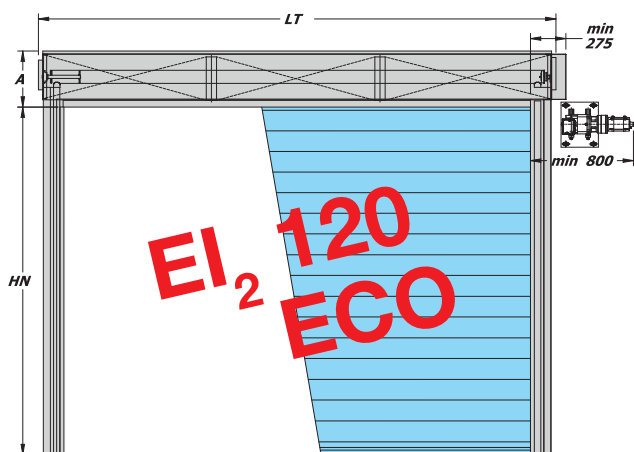
IN-REVEAL MOUNTING



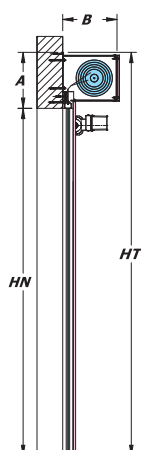
FACE FIX



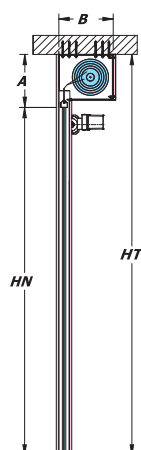
with External Motor



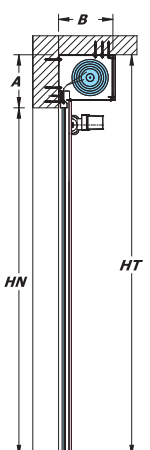
Front mounting



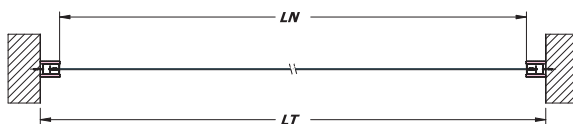
In-reveal mounting



Ceiling-mounting



IN-REVEAL MOUNTING



FACE FIX

