



FIRE CURTAINS

PRATIKA

EI₁ 30 - EI₂ 60 - EW 90



PRATIKA is the new generation of fire-resistant roller curtains tested on both sides, designed to guarantee integrity and thermal insulation for up to 90 minutes, with EI₁ 30 - EI₂ 60 - EW 90 certifications.

Compact, in compliance with European standards, and designed to blend into any architectural context, PRATIKA combines a high-performance multi-layer insulating fabric with a Gravity Fail Safe security system, ensuring automatic closure even in the event of a power failure.

The result is a reliable solution engineered for extreme conditions, offering real protection, easy installation, and simplified operation.

PRATIKA EI₁ 30, EI₂ 60, EW 90 is CE MARKED according to EN 16034:2014, EN 13241:2016

NEW

KEY STRENGTHS

- More compact than traditional systems Safe even without power
- Reliable: certified EI₁ 30, EI₂ 60, EW 90
- Suitable for industrial and commercial environments
- Easy to install
- Certified for installation on flexible tubular structure

GRAVITY FAIL SAFE

The GRAVITY FAIL SAFE system is the signature feature of the PRATIKA curtain EI₁ 30 - EI₂ 60 - EW 90.

Upon a signal from the fire alarm control panel or in the event of a power failure, the brake is released and the curtain descends by gravity, operating mechanically and autonomously without any electrical power.

The descent is controlled and maintained at a constant speed throughout its travel.

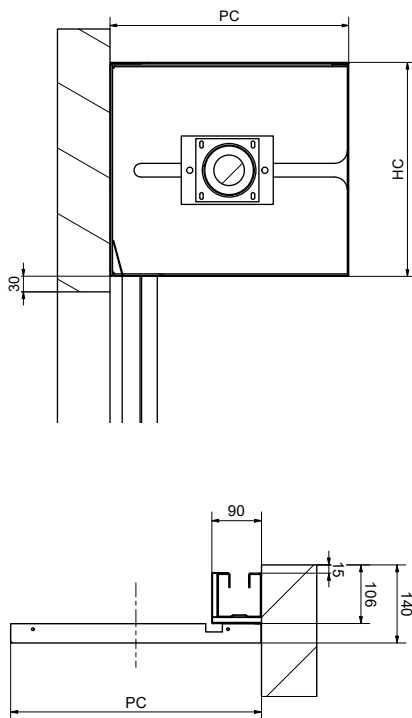
Fire curtain dimensions W x H (mm)	Guide dimensions W x D max (mm)
min 750 x 500 max 6500 x 8000	90 x 90

STANDARD FINISHING

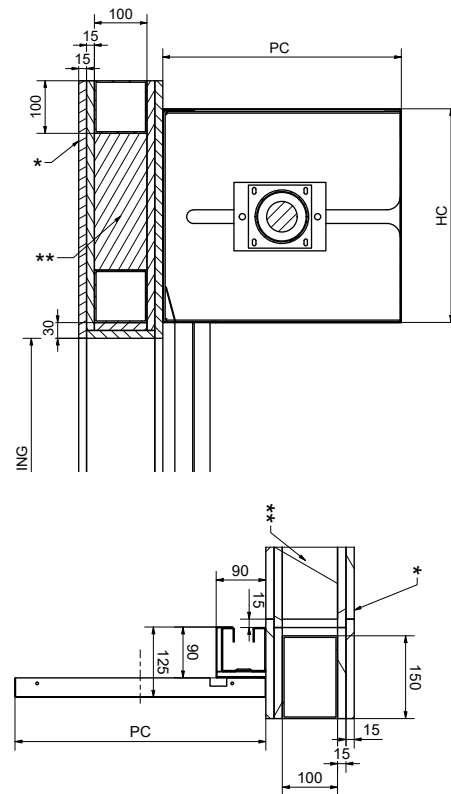
Head box and guides are galvanized finishing in the standard version.



Concrete



Flexible tubular structure

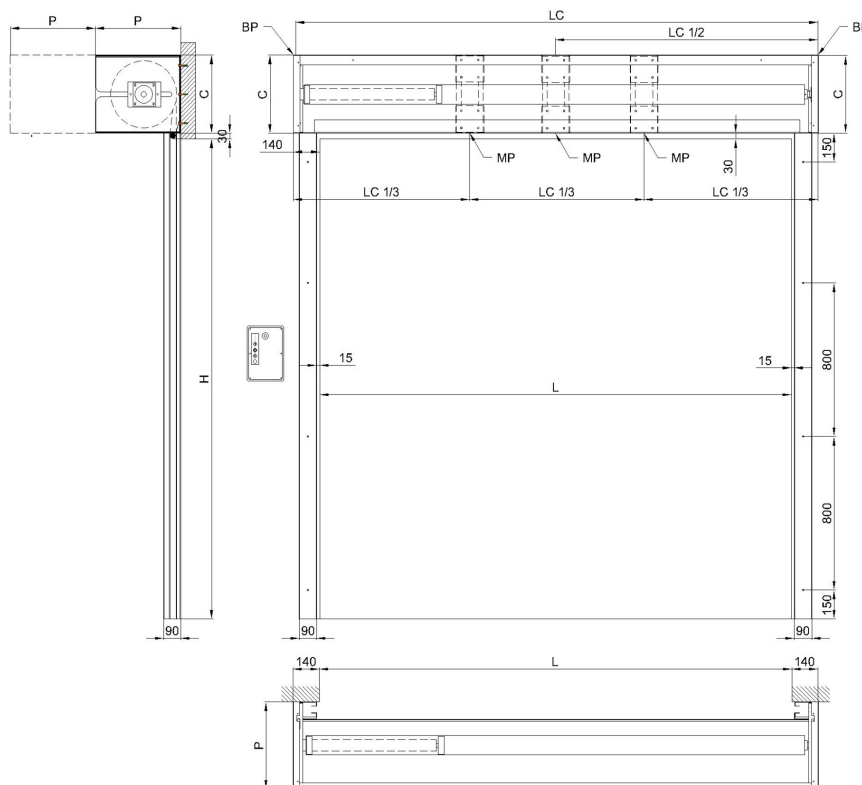


Headbox dimensions mm (HC value)														
CLEAR HEIGHT (MM)	6000	500	500	500	500	500	500	500	500	500	500	500	500	500
	5750	500	500	500	500	500	500	500	500	500	500	500	500	500
	5500	500	500	500	500	500	500	500	500	500	500	500	500	500
	5250	500	500	500	500	500	500	500	500	500	500	500	500	500
	5000	450	450	450	450	450	450	500	500	500	500	500	500	500
	4750	450	450	450	450	450	450	500	500	500	500	500	500	500
	4500	450	450	450	450	450	450	500	500	500	500	500	500	500
	4250	450	450	450	450	450	450	450	500	500	500	500	500	500
	4000	450	450	450	450	450	450	450	450	450	450	450	500	500
	3750	400	400	400	400	400	400	450	450	450	450	450	450	450
	3500	400	400	400	400	400	400	450	450	450	450	450	450	450
	3250	400	400	400	400	400	400	450	450	450	450	450	450	450
	3000	400	400	400	400	400	400	400	400	400	450	450	450	450
	2750	400	400	400	400	400	400	400	400	400	400	400	400	450
	2500	350	350	350	350	350	350	400	400	400	400	400	400	400
	2250	350	350	350	350	350	350	400	400	400	400	400	400	400
	2000	350	350	350	350	350	350	350	350	350	350	400	400	400
	1750	300	300	300	300	300	300	350	350	350	350	350	350	350
	1500	300	300	300	300	300	300	350	350	350	350	350	350	350
	1200	300	300	300	300	300	300	350	350	350	350	350	350	350
	1000	250	250	250	250	250	250	300	300	300	300	300	300	300
750 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500														
CLEAR WIDTH (MM)														

Installation requirements	
Type of mounting	Over the opening on masonry support or a standardized flexible tubular structure (100 × 100 coated with two plasterboards 15 mm)
Minimum thickness of the support	160 mm
Minimum density of the rigid support	≥ 450 kg/m ³
Anchoring	Steel Anchors

HC VALUE

Type	PC	HC
A	250	250
B	300	300
C	380	350
D	450	400
E	500	450
F	500	500



DRIVE AND OPERATION

Curtain with mantle weight ≤ 200 kg	
Motor	230V Tubular – BK series Electronic control unit with flashing light and siren
Backup battery	1 hour backup battery
Operation	Built in dead-man push button
Fire alarm	NC Fire alarm contact

Curtain with mantle weight > 200 kg	
Motor	External motor (230V single-phase or 400V three-phase) – JM series; chain drive for heavy-duty loads. Built in control unit. 24Vdc flashing light and siren
Manual override	Emergency chain for manual override
Operation	Direct through dead-man key switch
Fire alarm	24Vdc continuous

SAFETY AND COMPLIANCE

- ✓ A visual and audible warning device is activated simultaneously with the emergency descent to warn of the curtain's movement
- ✓ Normal operation via a push-button integrated into the control unit for tubular motors, or via a key selector for external motors; dead-man (hold-to-run) operation

- ✓ Full compliance with the **requirements of EN 12604** for the protection of people during unattended gravity-driven movement



IN COMPLIANCE WITH EN 12604

OPTIONAL ACCESSORIES

- ✓ Powder-coated finish in RAL (headbox and guides)
- ✓ Pre-coated finish in colours similar to RAL 8019, 9002, 9010, 9006 (headbox and guides)
- ✓ Smoke detector or thermal detector
- ✓ Fixing kit
- ✓ Automation Kit