

## Product specification sheet Metacon-Next

# LD Pro EI(1) 60 / EI(2) 120 / EW 240

fire rated hinged door



## FEATURES

Tested according

EN 1634-1, EN 1634-3

Classified according

EN 13501-2

CE marked according

EN 16034

Fire classification according EN 13501-2

EI(1) 30, EI(1) 60  
EI(2) 30, EI(2) 60, EI(2) 90, EI(2) 120  
EW 30, EW 60, EW 90, EW 120  
E 30, E 60, E 90, E 120, E 180, E 240

CE certificate number

1396-CPR-0181

Max. dimensions (building hole)

width 1.300 mm, height 2.497 mm (single leaf)  
width 2.497 mm, height 2.928 mm (double leaf)

Cycles max. per day

50 cycles

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## Door leaf

Thickness	100 mm
Weight	± 75 kg/m <sup>2</sup>
Material	internal steel frame, with fire-retardant filling, finished with galvanized steel plating, thickness 1,25 mm, coated by wet painting in RAL color of choice (gloss level ± 40%, layer thickness 60 µm)
U value (theoretical insulation value)	1,7 W/m <sup>2</sup> K
dB value (sound insulation value)	45 dB (single leaf version) 42 dB (double leaf version)

## Frame

Type	corner frame
Weight	± 50 kg (single leaf version) ± 110 kg (double leaf version)
Materiaal	frame based on galvanized steel tubes, coated by wet painting in RAL color of choice (gloss level ± 40%, layer thickness 60 µm)

## Hinges and locks

Hinges	4 pieces of surface-mounted hinges per door leaf, made of high-quality galvanized steel, with stainless steel finish covers
Door closer	surface-mounted door closer, type GEZE TS 4000 5-7, to be placed on the hinged side width 287 mm, height 60 mm (excl. arm of 38 mm), depth 46 mm
Door fitting	door handle on both inside and outside, with blind shields, finished in stainless steel, placed at a height of ± 1.050 mm from the floor
Lock	standard incl. lock case, excl. panic function, excl. cylinder

## Installation surfaces

Permitted installation substrates	aerated concrete, sand-lime brick, concrete, masonry
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## OPTIONS

Indoor/outdoor application possible	yes
Frame type	block frame
Smoke proof classification according EN 1634-3	S <sub>a</sub> , S <sub>200</sub>
Burglary resistance class	RC 3
Door fitting	fixed knob instead of handle on the inside or outside
Locks	panic lock, non-self-locking panic lock, non-self-locking, incl. push bar half euro profile cylinder for one-sided operation whole euro profile cylinder for two-sided operation lock always with lock shield instead of blind shield
Installation door closer on non-hinge side	yes, by means of an extended arm
Hold-open position	yes, by means of a 24 V adhesive magnet with spring anchor plate