



ENTRE/MATIC
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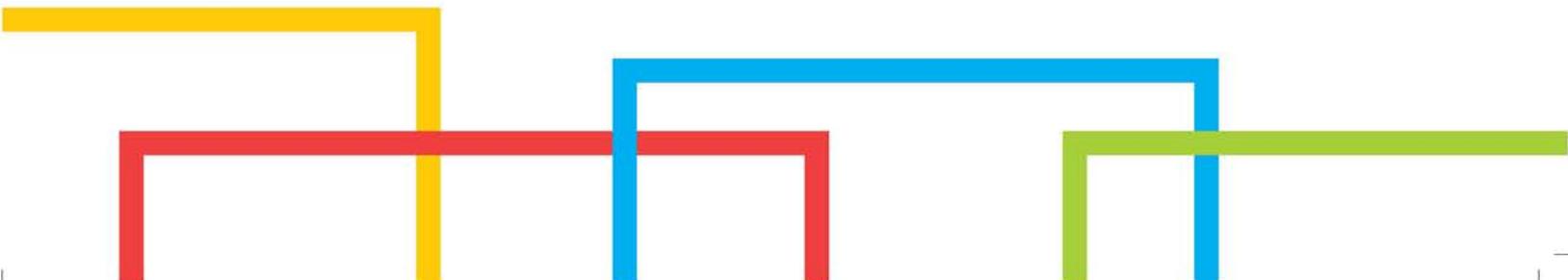
DYNACO M2 EMERGENCY

Push-Pull
gear driven technology



inside door

www.dynacodoor.com



DYNACO M2 EMERGENCY

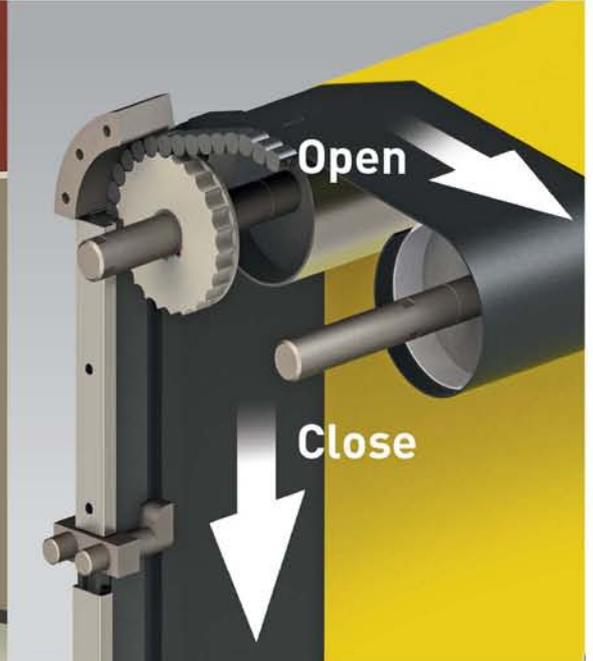
DYNACO's Emergency Exit M2 is designed for inside applications with intensive use, combined with an emergency exit. An ingenious T-shaped cut in the middle of the curtain allows the two symmetric "flaps" to release an emergency exit, simply by pushing on the indicated spot. The absence of rigid elements in the curtain and the soft bottom edge make the Emergency Exit M2 intrinsically safe.

- **HIGH SPEED OPERATION:**
Up to 1,2 m/s
- **PATENTED "PUSH PULL" TECHNOLOGY:**
Unique door drive system.
- **GOOD SEAL:**
Patented side frame assembly. Neither blade nor brush systems required.
- **USER SAFETY:**
Flexible curtain without rigid elements. Integrated emergency escape system.
- **COMFORT OF USE:**
DYNACO wireless detector at the bottom.
- **ADVANCED DRIVE:**
Frequency driven motor and encoder for smooth operation. Wearable elements are reduced to a minimum.
- **DYNALOGIC CONTROL BOX:**
User-friendly control box with self-diagnosis.
- **CONFORM TO EN13241-1**

Opening by pushing on the emergency release spots

Emergency exit open

"PUSH-PULL^{PT}"
drive technology



Push-Pull

gear driven technology



inside door

EN13241-1 STANDARDS

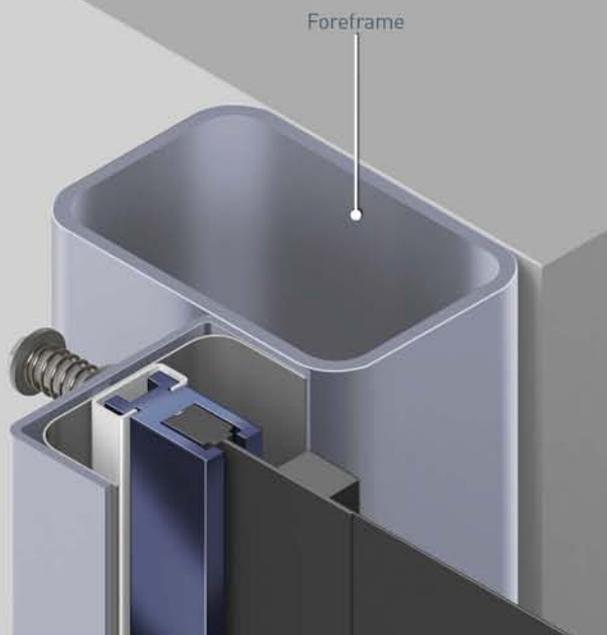
| Standard | Ref. | Test acc. | Results |
|-----------------------|----------|-----------|-------------------------|
| Water permeability | EN 12425 | EN 12489 | Class 1 |
| Wind load | EN 12424 | EN 12444 | Class 1* |
| Wind permeability | EN 12426 | EN 12427 | Class 0 |
| Safe openings | EN 12453 | EN 12445 | Pass |
| Mechanical resistance | EN 12604 | EN 12605 | Pass |
| Unintended movements | EN 12604 | EN 12605 | Pass |
| Thermal resistance | EN 12428 | EN 12428 | 6,02 W/m ² K |
| Performance (cycles) | EN 12604 | EN 12605 | 1.000.000 |

* Interior applications only.

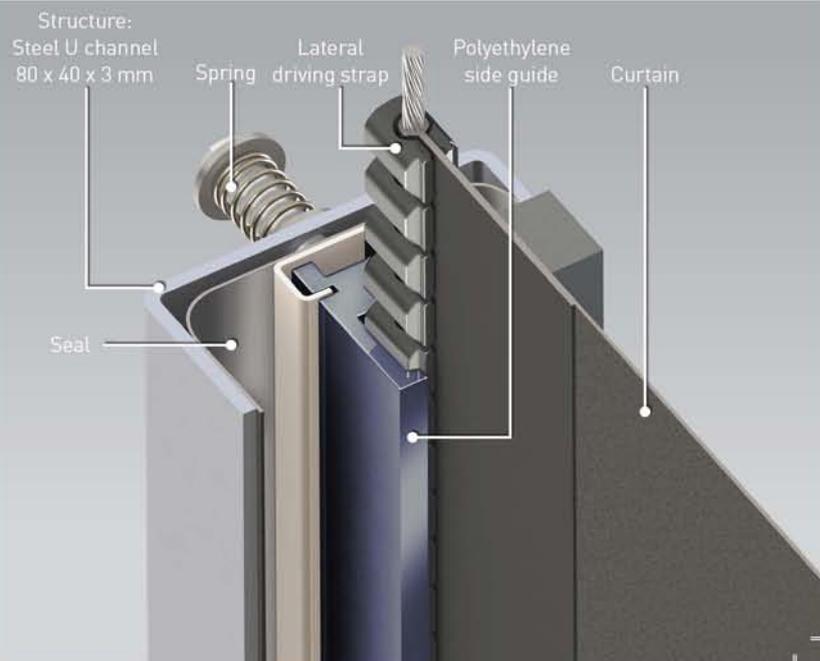
CHARACTERISTICS

| | | | | | | | | | | | | | | | | | |
|---|---|----------------|---|---------------|---|----------------|---|--------------|---|-------------|---|---------------|---|--------------|---|---------------|---|
| Max. dimensions | W 5.500 mm x H 5.500 mm | | | | | | | | | | | | | | | | |
| Min. dimensions | W 1.000 mm x H 2.200 mm | | | | | | | | | | | | | | | | |
| Opening speed Closing speed | Up to 1,2 m/s 0,6 m/s | | | | | | | | | | | | | | | | |
| Structure | Galvanised steel: 80 x 40 x 3 mm. Option: stainless steel. | | | | | | | | | | | | | | | | |
| Drum | Steel - Ø 102 x 2 mm. | | | | | | | | | | | | | | | | |
| Side guides | Reinforced polyethylene (PE-UHMW1000) on springs | | | | | | | | | | | | | | | | |
| Motor | 4 poles, without brake. Power 1,5 kW IP rating: IP 65 | | | | | | | | | | | | | | | | |
| Control box | DYNALOGIC provided with: circuit breaker, general divider, Adjustable timer, push button for opening and reset and emergency stop. IP rating: IP 54. Frequency inverter. | | | | | | | | | | | | | | | | |
| Standard detectors | Infrared barrier: 300 mm from the floor. Wireless DYNACO detector (WDD). | | | | | | | | | | | | | | | | |
| Power supply Frequency | Single phase 230V - 18 A Frequency: 50-60 Hz | | | | | | | | | | | | | | | | |
| Available colours comparable with: | <table border="0"> <tr> <td>Yellow RAL1003</td> <td></td> <td>Green RAL6005</td> <td></td> </tr> <tr> <td>Orange RAL2004</td> <td></td> <td>Grey RAL7035</td> <td></td> </tr> <tr> <td>Red RAL3000</td> <td></td> <td>White RAL9010</td> <td></td> </tr> <tr> <td>Blue RAL5002</td> <td></td> <td>Black RAL9005</td> <td></td> </tr> </table> | Yellow RAL1003 |  | Green RAL6005 |  | Orange RAL2004 |  | Grey RAL7035 |  | Red RAL3000 |  | White RAL9010 |  | Blue RAL5002 |  | Black RAL9005 |  |
| Yellow RAL1003 |  | Green RAL6005 |  | | | | | | | | | | | | | | |
| Orange RAL2004 |  | Grey RAL7035 |  | | | | | | | | | | | | | | |
| Red RAL3000 |  | White RAL9010 |  | | | | | | | | | | | | | | |
| Blue RAL5002 |  | Black RAL9005 |  | | | | | | | | | | | | | | |
| [Actual colours may deviate. Colour samples available upon request] | | | | | | | | | | | | | | | | | |

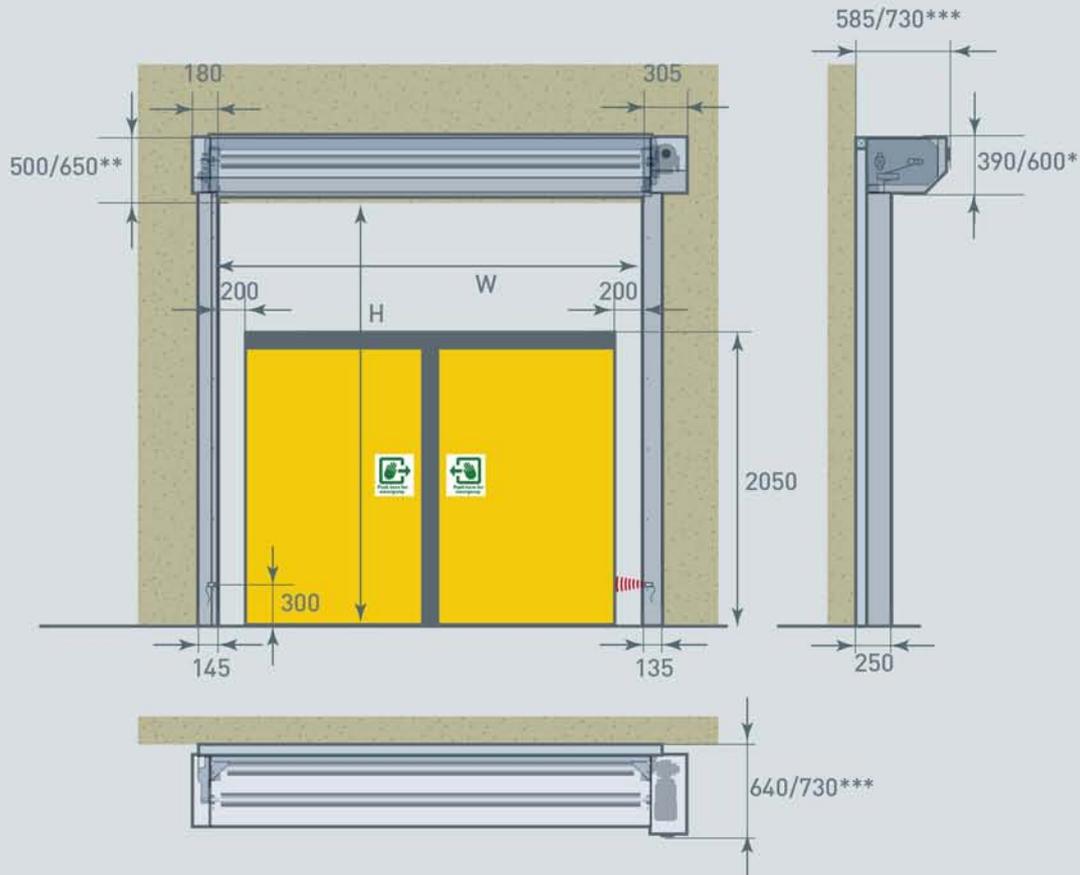
Side guide view



Lateral driving strap view



Dimensions and installation requirements DYNACO M2 EMERGENCY



* 600 if H > 4000 and drum cover

**650 if H > 4000 and drum cover

***730 if H > 4000 and drum cover

All indicated dimensions are net: the space necessary for mounting and maintenance has to be provided.

REMARK: Based on the risk analysis of the environment, extra push buttons, detectors and covers might be required.

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Disclaimers:

For a correct use of our products, please refer to our manual.

Everything that is mentioned in this brochure is only valid under the terms of use in the user manual and on condition that the door was properly installed and maintained and has not undergone abuse nor neglect.

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