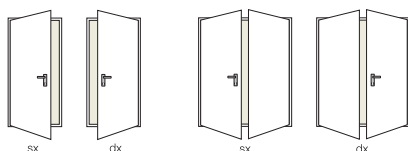


PROGRESS Multipurpose Door



The installation of Progress the multipurpose door is simplified by the robust self-supporting frame, the three wings hinge is equipped with thrust ball bearings and screws for the door installation.



External view of the Progress fire door with personalized printing (Color Idea optional).

PROGRESS TECHNICAL DATA SHEET / ITEM SPECIFICATION

Progress multipurpose door.

Elements that make-up the Progress multipurpose door: particularly sturdy door made-up of two walls in hot-dip galvanized steel sheet, press-folded and electrically welded to points, insulated with treated mineral wool. The insulating stack/material is rigidly joined to the metal sheet, reinforcements and plates are provided inside the door as a predisposition for the eventual installation of door closers and panic bars. Available in a thickness of 60 mm.

Robust frame of thick galvanized steel sheet with grooves for rebate sealing supplied with brackets that will be assembled on construction site.

Two hinges with three wings, one with thrust ball bearings and screws for the vertical door installation, and another provided with a self-closing spring.

A safety bolt placed on the side of the hinges.

Reversible locking mechanism provided with latch and central bolt. The lock is supplied with an European profile cylinder.

Black plastic handle with steel core completed with plates.

Painted with epoxy-polyester powders for interiors with anti-scratch resistant semi-gloss embossed finish, provided in the standard Ral 9010 white colour, the painting is suitable for internal use.

Available in single leaf sizes up to W 1340 and H 2540 mm and with two leaves up to W 2540 and H 2670 mm.

MAIN ACCESSORIES

- Painting in epoxy-polyester powders for interiors with anti-scratch resistant semi-gloss embossed finish, in the Ral colours offered by Ballan.
- Painting in polyester powders for external installation with anti-scratch resistant semi-gloss embossed finish, in the Ral colours offered by Ballan.
- Painted plastic handles with internal metal reinforces core (M1C), yellow Ral 1023, dark grey Ral 7016, light grey Ral 7035, aluminium grey Ral 9006, white Ral 9010.
- Aisi 304 Satin stainless steel door handle .
- Safety lock with three lateral locking points.
- Panic door handle, surface-mounted overhead door closers and closing regulators.
- Access control with electric door lock system (12 V or 24 V), electrically operated handles, electromagnetic door hold-open closers.
- Rectangular or round fixed window frames for multipurpose doors with various types of glass.
- Fixed upper panel or micro-perforated steel sheet (Ø 6 mm holes, 8x8 square holes), both are painted the same colour of the leaf.
- Ventilation grille with different types of metal frames offered in standard or custom-made format.
- Pvc Ventilation grille available in white and black colours and with dimensions 482x99 mm, are always placed at the bottom of the door.
- Embracing frame made of powder coated galvanized steel sheet to be tightened to the finished wall, completed with fixing holes, joints and plugs.
- Wall space cladding created in galvanized steel sheet and painted in the same colour of the frame.
- "Wood-effect" Painting COLOR WOOD, or decorated COLOR IDEA is freely customizable, printed with special inks and protected with transparent polish.

Color Wood, "wood effect" painting for fire and multipurpose doors which perfectly reproduces a series of classic and exotic woods.

The flat surface of the door is painted with a base in polymerized powders, printed in digital high resolution with a jet of special inks, a further application of transparent polish that guarantees the protection of the decoration. The finishing of the decoration can result in a smooth or embossed surface depending on the chosen decoration.



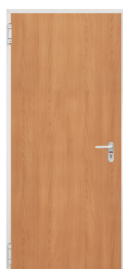
Teak 01, telaio Ral 9017



Mogano 02, telaio Ral 8025



Noce naz. 02, telaio Ral 9010



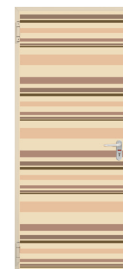
Faggio 02, telaio Ral 9010



Douglas 02, telaio Ral 9010



Frassino 02, telaio Ral 1001.



Color Idea, decorative painting with vector graphic or photographic images for fire and multipurpose doors.

Custom decorations are available either with a vector drawing or a photographic image in high resolution Tif format. The flat surface of the leaf painted with polymerized powder base, is digitally printed at very high resolution with a jet of special inks, a further application of transparent polish ensures the protection of the decoration. The finishing of the decoration can result in a smooth or embossed surface depending on the chosen decoration.

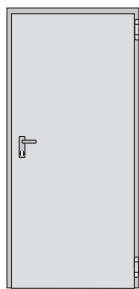
N.B. Ballan SpA reserve the right to alter, make changes to the products without prior notice. The technical characteristics may vary in particular applications. For further details, please contact the Ballan SpA technical office.
Rev. 01

Ballan SpA

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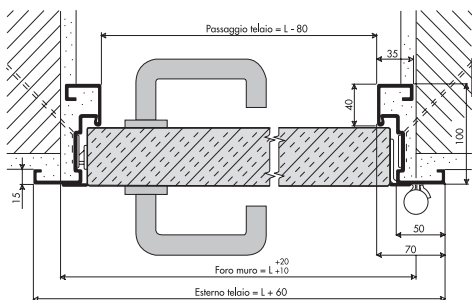


PROGRESS technical data sheet



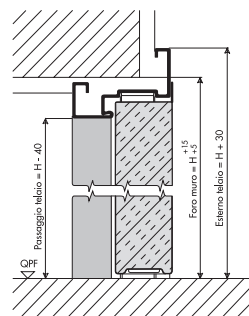
Progress Fire Door with one leaf

Progress multipurpose horizontal section with one leaf

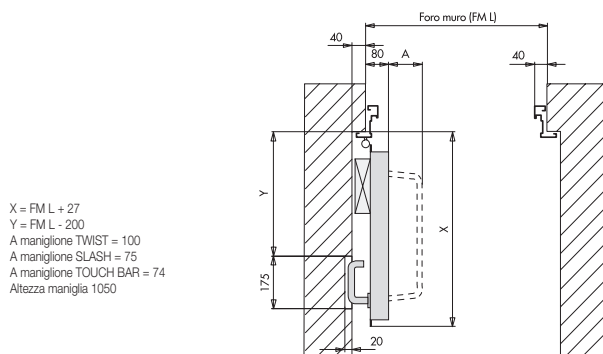


Tagliafuoco REI 60 spessore anta 60 mm
Tagliafuoco REI 120 spessore anta 60 mm

Progress multipurpose vertical section

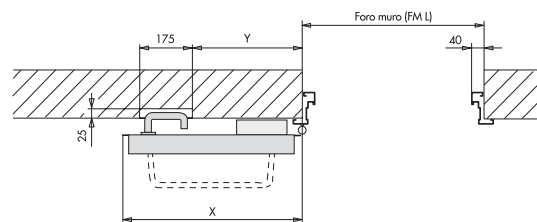


Maximum dimensions for Progress fire door with one leaf



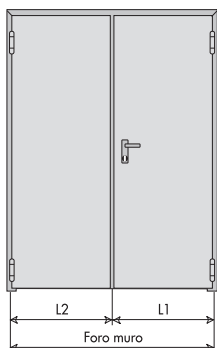
$X = FM L + 27$
 $Y = FM L - 200$
A maniglione TWIST = 100
A maniglione SLASH = 75
A maniglione TOUCH BAR = 74
Altezza maniglia 1050

Ingombri massimi per porte ad una anta con apertura a 90°.



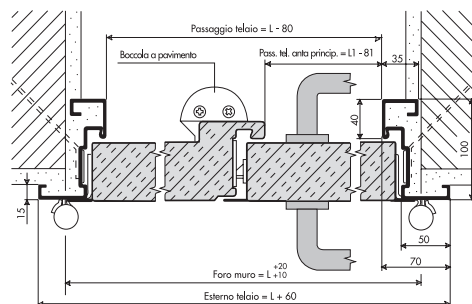
$X = FM L - 7$
 $Y = FM L - 233$
Altezza maniglia 1050

Ingombri massimi per porte ad una anta con apertura a 180°.



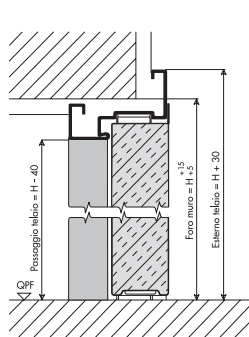
Progress Fire Door with two leaves

Progress multipurpose horizontal section with two leaves

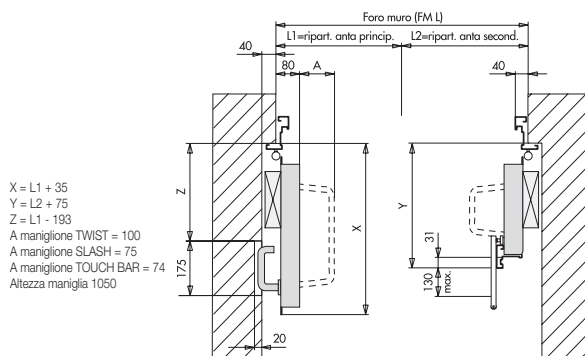


Tagliafuoco REI 60 spessore anta 60 mm
Tagliafuoco REI 120 spessore anta 60 mm

Progress multipurpose vertical section

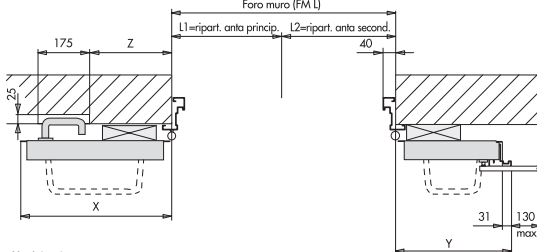


Maximum dimensions for Progress fire door with two leaves



$X = L1 + 35$
 $Y = L2 + 75$
 $Z = L1 - 193$
A maniglione TWIST = 100
A maniglione SLASH = 75
A maniglione TOUCH BAR = 74
Altezza maniglia 1050

Ingombri massimi per porte a due ante con apertura a 90°.



$X = L1 + 1$
 $Y = L2 + 42$
 $Z = L1 - 226$
Altezza maniglia 1050

Ingombri massimi per porte a due ante con apertura a 180°.

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