

Full Specifications of Dimak Fire Doors

- ✓ Tested according to **EN 1634-1 & UL 10c standards**
- ✓ Certification for **60, 90 and 120 minutes** fire rating.
- ✓ Produced in both **standard and customer-specific sizes**.
- ✓ Constantly stocked on standard sizes (quick delivery in standard sizes)
Standard sizes (wall opening dimensions)
 - 900 x 2050 mm / 1000 x 2050 mm
 - 900 x 2100 mm / 1000 x 2100 mm
 - 900 x 2150 mm / 1000 x 2150 mm
- ✓ Doors of heights 2050/2100/2150 mm are **reversible (Left&Right)**
This possibility eliminates the directional mistakes made in the construction work sites, moreover the ordering process is faster and much more practical.
- ✓ The doors are coated with **electrostatic powder coating process** in our modern robotic coating line.
- ✓ The standard color is RAL 9002, however any requested RAL color can be applied. ***
- ✓ The door frame and the door leaf can be coated in different RAL colors.
- ✓ The interior and exterior of the door leaf can also be coated in different colors. ***
- ✓ Door leaf has 63 mm thickness and produced from 0.80 mm thick galvanised steel.
- ✓ Door frame is produced from 1.50 mm galvanized steel.
- ✓ **Galvanized steel** is used in the production of door frames and door leaves therefore the doors are **highly enduring to corrosion**.
- ✓ The galvanized steel has a special surface suitable for electrostatic powder coating.
- ✓ Due to its unique sectional design, **the door frame and door leaf are very rigid**.
- ✓ High-quality **thermo expanding (intumescent) seal** on the frame.
- ✓ **Weather seal slots** are present on the door frame. Depending on the customer demands, air and sound insulating seals are also provided. (optional) ***
- ✓ The doors are equipped with **heavy-duty hinges** with ball bearing (one).
- ✓ One of the hinges is **self-closing (spring hinge)**. This hinge keep the door constantly closed.
- ✓ There are **two safety bolts per leaf** on the hinge side.
- ✓ Coordinator can be installed to the double winged doors in order for the door leaves to close in coordination. (optional) ***

- ✓ Each door frame is **installed using 10 universal dowels directly to the wall**. There is no need for extra metal profile frames which yields cost advantage. Delivery of dowels are optional.***
- ✓ By the use of **floor mounting brackets (specially developed based on experience)** the vertical frame profiles can be fixed to the floor. This creates a rigid connection between the door frame and the construction structure. As a result, problems such as **twisting of the bottom part of the frame do not arise** in the following periods.
- ✓ **Supporting plates** are present inside the door leaves for installation of optional equipment. (e.g. door closer)
- ✓ Door **frames are designed in 3 disassembled pieces**. The installation of these 3 pieces is very practical (as practical as the assembly of Lego pieces). The disassembled design of door frames yields serious **shipping advantage**.
- ✓ **All door leaves and door frames are wrapped in nylon packaging** of high thickness. The nylon packaging of door leaves can stay on after the installation of the doors. So, the doors **will not be harmed by the painting processes or plaster repairs** carried out after the installation.
- ✓ The doors are packed on palettes. **15 sets of single leaf doors** can be packaged on each palette.
- ✓ The fire doors have **half (corner) frames** suitable for any wall thickness as a standard. If **a full frame** is requested, the fire doors can be made suitable for a full frame covering the whole wall with the extra profile frames provided.***
- ✓ For doors which will be used with an **access control unit**, top quality **electrical strike (tested for 1 million cycles)** can be applied during production as an optional accessory.***
- ✓ **Windows** are possible. Stock sizes are 500 x 500 mm and 300x400 mm.***
- ✓ **Aluminium or fire-rated louvers** may be applied on request.***
- ✓ **Dimak Hardware** used on the doors are all very high quality with **incomparable functions not existing in the market**.
 - Doors are supplied with **lock, handles (or panic hardware) euro cylinders and 3 keys**.
 - Lock specially designed to be used in **left and right doors**.
 - Lock has double function; **panic and anti-panic**.
 - By use of a setscrew the lock can be **switched to panic from anti-panic**.
 - So in case you need to change the handle+lock+handle door to a panic hardware door it is possible without ordering extra lock.
 - Handle+lock+handle or panic hardware are installed as a **mono block hardware system** where 4 long bolts pass through the holes on the lock and makes a very rigid connection to handles and panic hardware otherside. Due to this mono-block hardware system it is not possible that the handles are tearing out of the doors due to harsh usage and gives the fire door and hardware set **durability and long life**.
 - Handle and panic bar are **cast aluminium (rust proof)** which can be used in all weather conditions.
 - **Standard hardware color is black however any RAL color is possible** for high volume orders.***

*** Subject to extra charges