

# Full Specifications of Dimak Steel Security Entrance Doors

- ✓ Dimak Security doors are designed as the **attack side is always outside and door is opening into the safe area.**
- ✓ Inside and outside door surface is 8 mm MDF covered with **high quality scratch resistant laminate (CPL).**
- ✓ Outside Door jamb is 12 mm MDF covered with **high quality scratch resistant laminate (CPL).**
- ✓ Door jamb can fit to the **wall thicknesses up to 250 mm.**
- ✓ Produced in both **standard and customer-specific sizes.**

## Standard Sizes (Wall Opening Dimensions)

- 950 x 2100 mm / 1000 x 2100 mm
- 950 x 2150 mm / 1000 x 2150 mm

- ✓ The metal parts of doors are coated with **electrostatic powder coating process** in our modern robotic coating line.
- ✓ Any requested RAL color can be applied to the door frame and accessories.
- ✓ The door frame and the door leaf can be coated in different RAL colors.
- ✓ Due to its unique sectional design, **the door frame and door leaf are very rigid.**
- ✓ Door leaf has 78 mm thickness and produced from 1.00 mm thick galvanized steel and 5 rigid profiles inside the leaf.
- ✓ **Grid construction** of these 5 profiles gives the leaf very high rigidity.
- ✓ Door frame is produced from 1.50 mm galvanized steel.
- ✓ Inside door construction is insulated with mineral wool.
- ✓ **Weather seal** is present on the door frame. Air and sound insulating seals are applied to these slots.
- ✓ **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.
- ✓ The doors are equipped with 3 **heavy-duty hinges.**
- ✓ There are **two safety bolts per leaf** on the hinge side.
- ✓ 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.
- ✓ **Supporting security plates** are present inside the door leaves at the points where locks are installed and in the slots on the frames where latch and deadbolts go into the frame.

- ✓ 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**.
- ✓ **Two high security locks** are used in the door;
  - Both locks are **certified according to TS EN 12209**.
  - Main lock is a **Safety Mortise Lock** which has a steel latch and 3 steel chrome plated deadbolts (three throws).
  - Second lock is a **Safety Mortise Lock** with 3 deadbolts (three throws).
- ✓ **Dimak Hardware** used on the doors is all very high quality with **incomparable functions not existing in the market**.
  - Handle inside and pull handle outside are all **cast aluminium (rust proof)** which can be used in all weather conditions.
  - Doors are supplied with **security cylinders and 3 keys**.
  - **Stainless Steel Protective rosettes** are used on the outer surface of both cylinders which protect the cylinders from puncture.
  - Handle + pull handle set is installed as a **mono-block hardware system** where 4 long bolts pass through the holes on the lock and makes a very rigid connection between handle inside and pull handle outside. 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 security door and hardware set **durability and long life**.
  - Hardware color outside and inside is **compatible with the laminate used on the door skin**.
- ✓ There is a **peephole on the door** positioned on the proper height.
- ✓ **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. 7 sets of doors can be packaged on each palette.