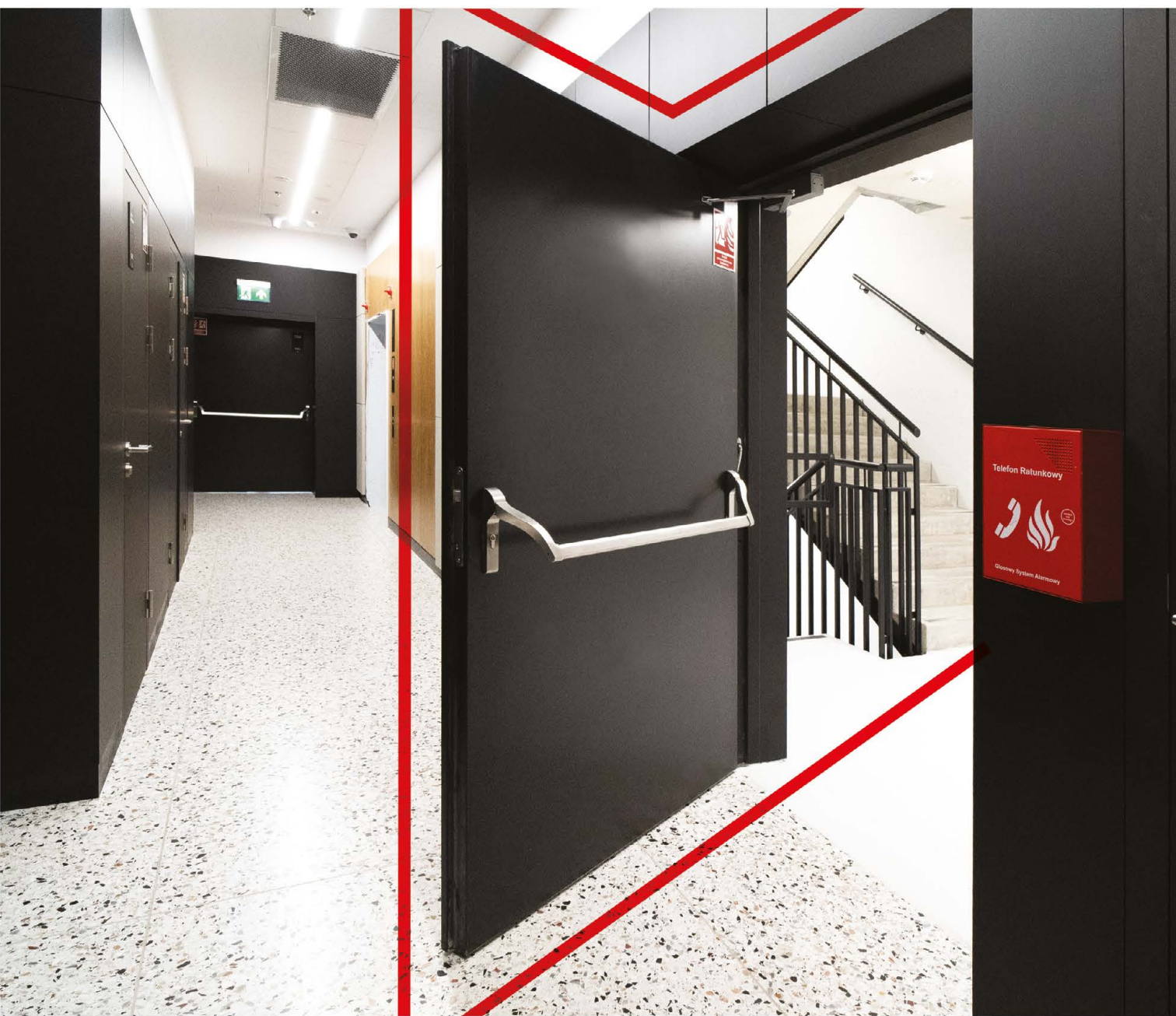


DFM
EUROPE

INNOVATIVE

FIRE DOORS
GATES AND PARTITIONS



Fire resistant steel doors **DFM DS** are already widely appreciated on European markets. They are suitable for all miscellaneous purposes and projects types, for internal and external applications, thanks to their innovative design, particular construction and performed features.

!NEW on the market. The comprehensive concept includes aluminum door frames, **DFM** designed and manufactured stainless steel hinges and other elements of hardware and unified thickness of door leaf for all fire ratings (0-120 minutes).

High aesthetics goes along with functionality and concordance with current requirements in building construction:

- low U coefficients (0,9-1,3 W m²/K)
- environment friendly and safe manufacturing process excluding welding,
- minimum maintenance thanks to teflon bearings of hinges and full coverage of fixing points by 40 mm gasket placed in extruded depth of door frame profile,
- available in class RC3 EN 1627.

External doors: Certificate of Constance of Performance 2310-CPR-W1116

Internal doors: ETA-22/0324/ Certificate of Constancy of Performance 1322-CPR-52206003/01

Fire resistant steel doors **DFM DS**



Fire resistant steel sliding gates are meant to serve as partitions typically closing large and medium openings, for instance in warehouses or production halls; yet gates **DFM SG** thanks to their very pleasant looks achieved by almost seamless connection of panels and overall surface powder coated to any RAL or NCS colour find their place also in commercial centers, market stores, schools, and other public use buildings.

Varied fire ratings allow for wide range of applications; the additional classification in EI 1 resistance which is a demand in premises storing chemical, flammable and hazardous materials is the additional asset to the customer.

To complement the functionality, **DFM SG** sliding gates can be fitted with pedestrian doors tested and approved for evacuation concordant with EN 1125 and EN 179.

Sliding gates **DFM SG** can be operated in a traditional gravitational mode by counterweight pulling the gate to close upon release off the magnet, the speed of closing being controlled by eRPZ device (electromagnetic controller of closing speed). Opening can be assisted by motorized drive, on request.

Certificate of Constancy of Performance
no 2310-CPR-W1896

**Fire resistant
steel sliding
gates **DFM SG****



Acquiring steel profiles from Swiss renowned manufacturer Forster Profile Systems Ltd and glass from international producers DFM EUROPE makes fire resistant frame-and-glass doors and fixed partitions known on the markets under brand **DFM GD**. These fire barriers are available in classes E, EW, EI and as non-fire rated, and can be applied as interior or exterior products.

The freedom of forms is limited only by the architects' imagination and certificates.

Apart of traditional projects **DFM** designs and supplies, for instance for historical building or those of classical architecture, the arch-shaped doors and partitions; for modern ones – trapezoid lines are available.

Profile doors and partitions **DFM GD**

Zinc-coated steel products are powder coated in own painting workshop; for manufacturing of stainless steel doors and windows in class AISI 304 and 316 **DFM** retains a separate factory hall equipped in modern machinery for laser beam welding and an unique grinder for large format polishing.

The possibility of choice of varied glass sets allows to fulfill requirements of acoustics or thermal insulation (U).

Hardware and equipment assuring access control or evacuation, protection against burglary (RC1-RC4) or bullets (FB4-FB6) are an inherent part of in DFM GD doors.

Certificates: miscellaneous international: French, Austrian, German, other.



Large size fire partition can take form of a hinged gate, that is the **DFM OS**.

This construction preserves many of functionalities typical for standard doors such as for instance the possibility of evacuation, or option of access control by means of electric strike plate or electric lock. Comparably to regular doors **DFM DS**, the hinged gates **DFM OS** are hung on stainless steel hinges designed by the R&D department in **DFM**; the hinges in **DFM OS** are the heavy duty type and adjustable 3D allowing the precise installation and further- comfort of usage of the gate.

Elements of equipment apart of standard hardware can include fire resistant ventilation grills and glass vision panels, and in the non-fire resistant variant also the wicket door.

As in the case of all other **DFM** products, gates **DFM OS** are powder coated; the polyester coat provides anti-corrosion protection in classes C3-C5M.

DFM OS are also available as RC3 EN 1627.

**DFM OS is classified EI 2 60 and covered by Certificate of Constancy of Performance:
CCoP 1396-CPR-0130, CCoP 2268-CPR-410**

Hinged gates **DFM OS**





DFM = DARE FOR MORE

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