

A photograph of a modern building facade featuring a prominent sign. The sign is a white, rectangular, illuminated panel with a black border, mounted on a light-colored stone wall. It displays the text "DFM" in large, bold, red letters, with "EUROPE" in smaller, black, sans-serif capital letters directly below it. The building's architecture includes dark window frames and a balcony with a glass railing. The overall scene is captured in a low-angle, slightly tilted perspective.

DFM
EUROPE

PRESENTATION – ABOUT US

DFM Group consists of three companies co-operating to provide high quality fire resistant doors and partitions to its customers.

- **DFM EUROPE** – production and sales in Europe (production facility in city Grudziądz)
- **DFM DOORS** – production (production facility city Opole)
- **DFM POLSKA** – sales in Poland



PRESENTATION – ABOUT US

DFM is a new brand on the market of passive fire protection systems. It has been established in co-operation with MERCOR SA. We are the team of professionals manifesting long experience in design and production, technical support and supply of fire resistant doors, gates and other types of fire partitions

DFM Europe Sp. z o.o shall distribute its products under the brand DFM.

Products are tested and certified according to EN1634 -1: 2014

PRESENTATION – ABOUT US

OUR MISSION: PROVIDING INNOVATIVE SOLUTIONS FOR FIRE PROTECTION:

DFM EUROPE - DARE FOR MORE

FACILITY - comfortable and customised solutions aimed at Customers' needs

TRANSLUCENCE - clear business relations

BUSINESS EXPEERTISE - a team of passionate professionals with "out of box " attitude

PRESENTATION – ABOUT US

1. METAL DOORS, FIRE
RESISTANT AND NON-FIRE
RESISTANT– **DFM DS, DFM OS**

2. FRAMED GLASS DOORS FIRE
RESISTANT AND NON-FIRE
RESISTANT **DFM DG-** system Forster

3. WOODEN DOORS FIRE
RESISTANT AND NON-FIRE
RESISTANT– **DFM WD**

4. SLIDING DOORS – **DFM SG**

PRESENTATION – OUR PRODUCTS

1.1 METAL DOORS FIRE RESISTANT AND NON-FIRE RESISTANT

New solutions for steel fire doors:

- **Door leaf finished with thick rebated edge 18 x 18 mm – rigid construction**
- Finish of door leaf: powder coating (RAL on choice), zinc-coated, coated with transparent laquer
- **Stainless steel hinges as standard equipment**
- **Door frame made of rigid aluminium- non corrosive and feasible for installation**
- Choice of door frames: rectangular and embracing frames- available with thermal break for enhanced temperature insulation
- Choice of door frames finish: aluminum powder coated or anodised or steel frame powder coated
- Vision panels and ventilation grills: aluminum frames

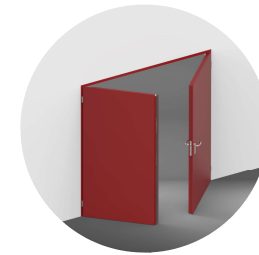


PRESENTATION – OUR PRODUCTS

1.1 METAL DOORS FIRE RESISTANT AND NON-FIRE RESISTANT



BRAND **DFM**



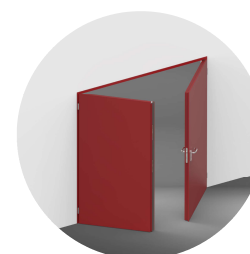
- METAL SOLID FIRE RESISTANT DOORS
EI30 (one leaf)
DFM DS 30-1
- METAL SOLID FIRE RESISTANT DOORS
EI60 (one leaf)
DFM DS 60-1
- METAL SOLID FIRE RESISTANT DOORS
(one leaf)
DFM DS 00-1
- METAL SOLID FIRE RESISTANT DOORS
EI30 (double leaf)
DFM DS 30-2
- METAL SOLID FIRE RESISTANT DOORS
EI60 (double leaf)
DFM DS 60-2
- METAL SOLID NON FIRE RESISTANT
DOORS (double leaf)
DFM DS 00-2

PRESENTATION – OUR PRODUCTS

1.2 METAL DOORS FIRE RESISTANT AND NON-FIRE RESISTANT



BRAND **DFM**



- METAL SOLID FIRE RESISTANT DOORS
OVERSIZE EI60 (double leaf)
DFM OS 60-2

- METAL SOLID FIRE RESISTANT DOORS
EI120 (one leaf)
DFM DS 120-1

- METAL SOLID **NON** FIRE RESISTANT
DOORS OVERSIZE EI60 (double leaf)
DFM OS 60-2

- METAL SOLID FIRE RESISTANT DOORS
EI120 (double leaf)
DFM DS 120-2

PRESENTATION – OUR PRODUCTS

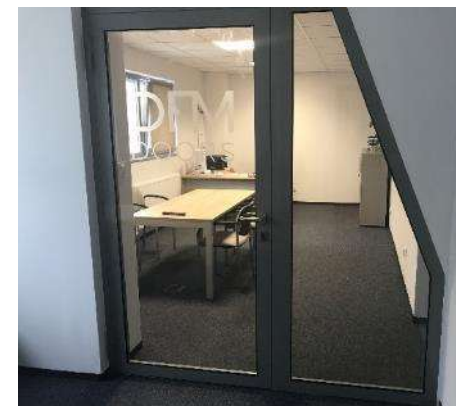
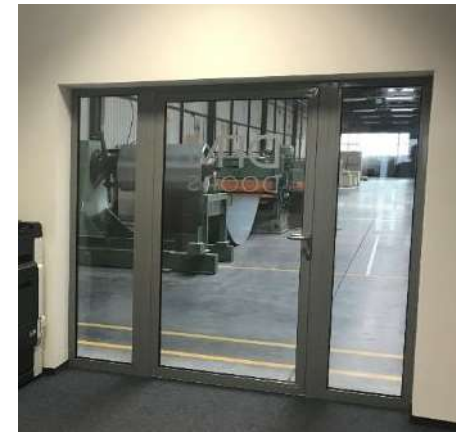
2. FIRE INTERGRITY & INSULATION DOORS AND WINDOWS

Doors and door frames **DFM DG** are manufactured of steel profiles brand FORSTER.

Forster Profile Systems is one of leading manufacturers of steel profiles. The profiles and compliant accessories of Forster's range are dedicated for manufacture of miscellaneous steel joinery. The assembly of doors and windows are concordant with reports of laboratories Efectis and CSTB.

The doors and door frames are customised and provided in required variants of construction, hardware at choice and in final finish

- FIRE RESISTANT FIXED PARTITIONS **EI**
- FIRE RESISTANT FIXED PARTITIONS **E**
- NON-FIRE RESISTANT PARTITIONS
- ENTRANCE STAIRCASE DOORS



PRESENTATION – OUR PRODUCTS

3. WOODEN DOORS FIRE RESISTANT AND NON-FIRE RESISTANT– **DFM WD**

Wooden doors type **DFM WD** are manufactured in accordance with European Approval – AT-15-6103/2013 issued by Building Research Institute (ITB). Technology is based on HALSPAN boards system.

- Two types of fire resistance: EI30 and EI60
- Single and double leaf models
- Standard equipment: mortise lock, set of stainless steel handles, stainless steel adjustable hinges, intumescent gasket, perimeter rubber gasket, safety pin
- wooden or steel door frame (rectangular frame, corner frame, embracing door frame)
- Finish of door leaf: powder coating RAL, veneer, laminate
- Mechanical resistance and durability : according to EN 12400 and 1192
- Acoustic insulation: single leaf– $R_w=32$ dB, double leaf EI30 $R_w = 27$ dB, EI60 $R_w=32$ dB

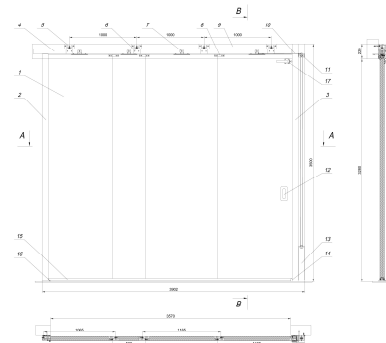
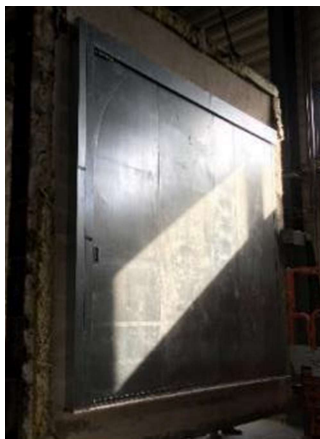
PRESENTATION – OUR PRODUCTS

4. PENDING - FIRE RESISTANT SLIDING DOORS **DFM** SG

Fire tests of sliding gates are in progress. Products are pending soon. The gates are being tested in UE approved lab ITB Warsaw



www.itb.pl



Construction of sliding gate:
Seamless connection of panels-
aesthetic and modern look

Standard operation of sliding gate:
Closing by means of counterweight
released off electromagnet on
receipt of signal



AB Porte &
Døre ApS

TECHNICAL DATA SHEETS

FIRE RESISTANT SOLID STEEL ONE LEAF DOOR EI₂30

DFM DS 30-1

DESCRIPTION

DOOR LEAF

- ⇒ door leaf finished with **rigid rebated edge 18 x 18 mm**
- ⇒ total thickness of doorleaf: 65 mm, constructed of steel skins 75/100 filled in with 120 kg/m³ rockwool, weight: 25,5 kg/m²
- ⇒ fitted with two pieces of stainless steel hinges class AISI 304 according to EN 1.4301), not adjustable

DOOR FRAMES

- ⇒ **made of stiff aluminum**
- ⇒ standard: corner frame
- ⇒ options: rectangular and wall embracing frame; these can be provided in variant with effective thermal break.
- ⇒ standard finish : powder coated to the colour of door leaf
- ⇒ optional finish : anodised aluminum frame or steel frame

FINISH OF DOOR LEAF

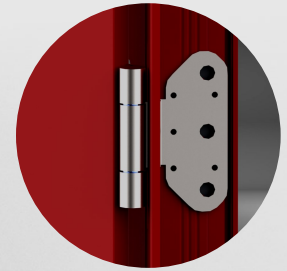
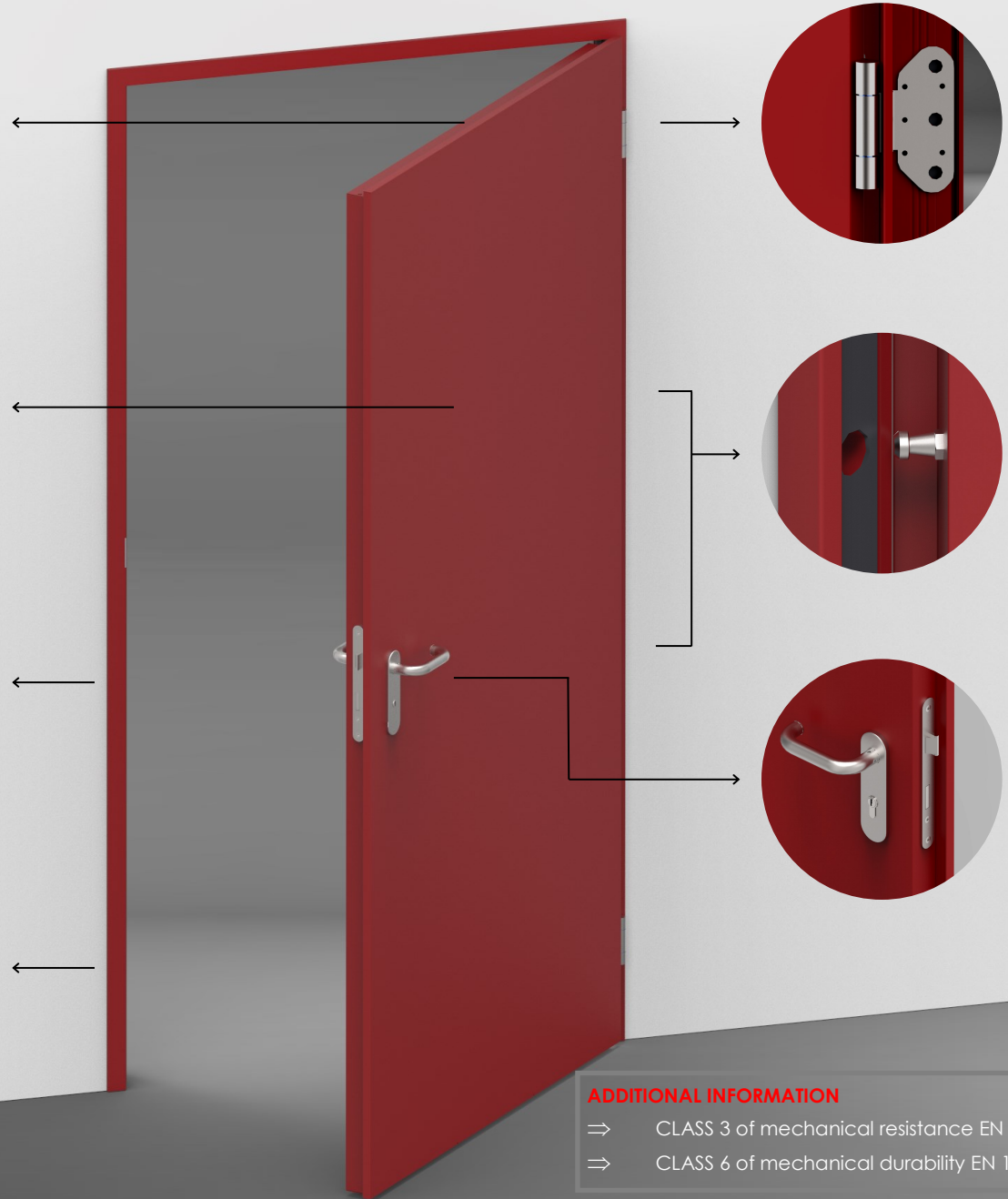
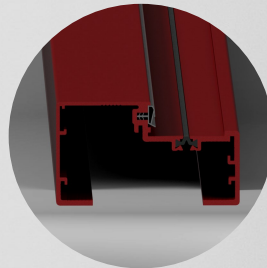
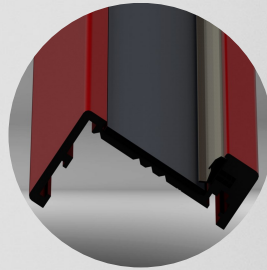
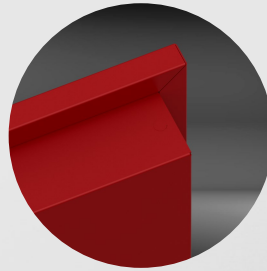
- ⇒ powder coating, RAL on choice
- ⇒ prepared for wet painting on site
- ⇒ zinc-coated & coated with transparent lacquer

STANDARD EQUIPMENT

- ⇒ mortise latch and bolt lock, European cylinder
- ⇒ set of stainless steel handles
- ⇒ 2 pcs of safety pins
- ⇒ perimeter rubber gasket
- ⇒ intumescent fire gasket placed in door frame
- ⇒ transport bottom frame sill

COMPLEMENTARY EQUIPMENT

- ⇒ door closer on choice
- ⇒ panic lock on choice
- ⇒ access control equipment: electric locks and electric strikes, magnet holders
- ⇒ round or rectangular glazing, aluminum framed, powder coated to door leaf colour
- ⇒ ventilation grill aluminum framed, powder coated to door leaf colour
- ⇒ automatic dropping door seal
- ⇒ customised kick plate of stainless steel
- ⇒ water drip cap
- ⇒ position magnet contact



ADDITIONAL INFORMATION

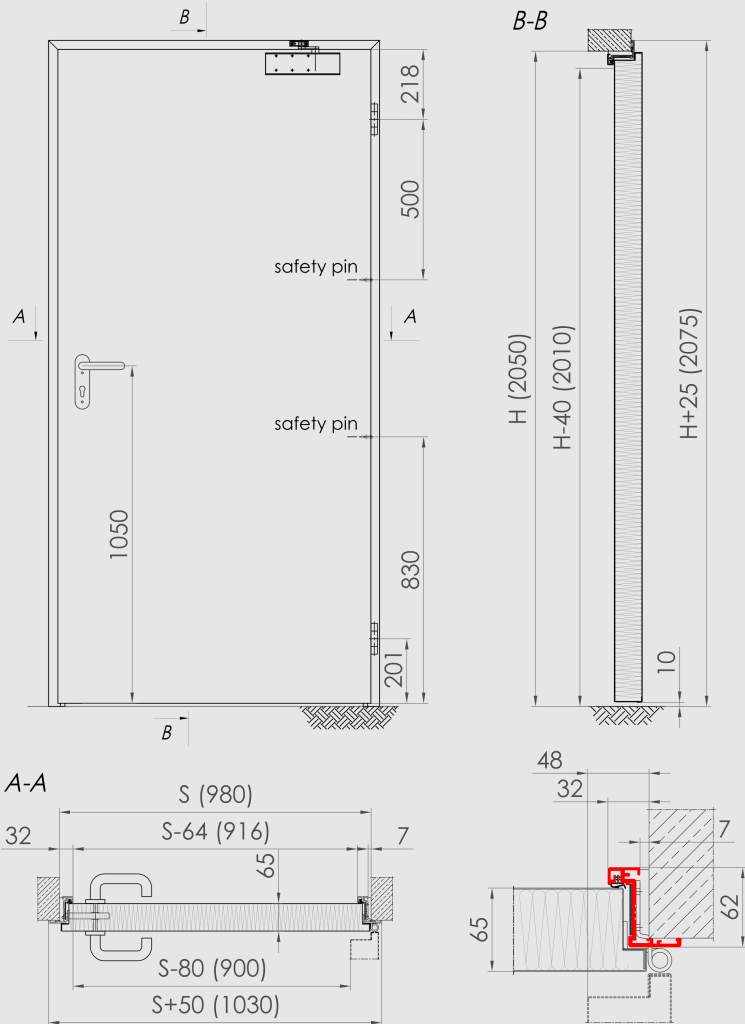
- ⇒ CLASS 3 of mechanical resistance EN 1192
- ⇒ CLASS 6 of mechanical durability EN 12400

TECHNICAL SKETCH

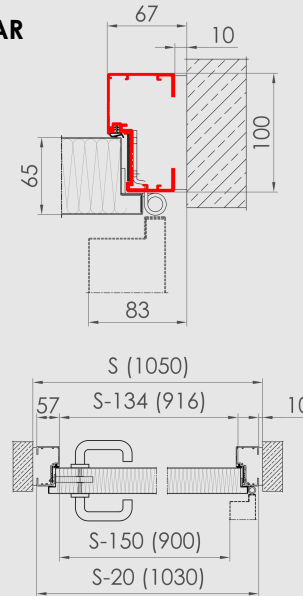
STRUCTURAL DIMENSIONS [mm]

	Certificate no°	Maximum width	Maximum height
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ITB	1254/17/ZOONZP	1 310	2 518

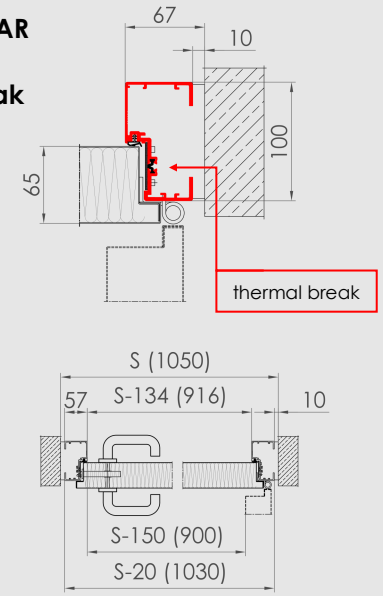
STANDARD CORNER FRAME



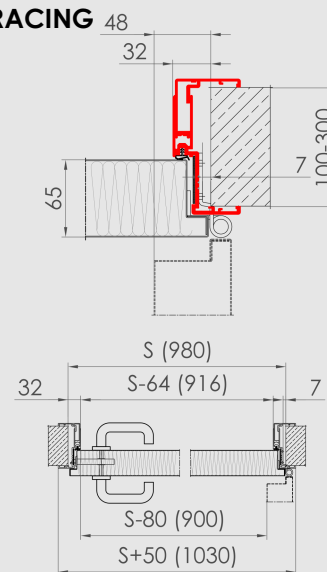
RECTANGULAR FRAME



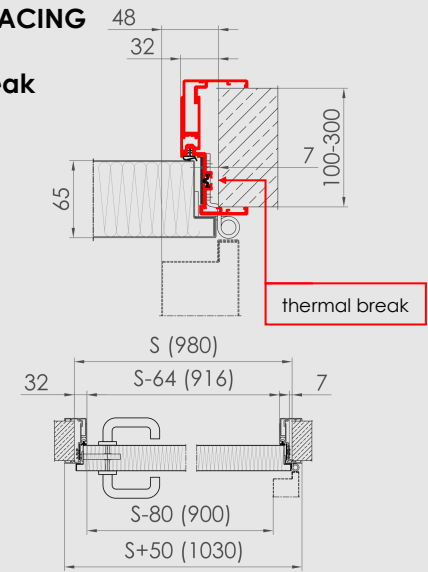
RECTANGULAR FRAME with thermal break



WALL EMBRACING FRAME



WALL EMBRACING FRAME with thermal break



DESCRIPTION

DOOR LEAVES

- ⇒ door leaf finished with **rigid rebated edge 18 x 18 mm**
- ⇒ total thickness of door leaf 65 mm, constructed of steel skins 75/100 filled in with 120 kg/m³ rockwool, weight: 27 kg/m²
- ⇒ fitted with 2 pcs of stainless steel hinges class AISI 304 according to EN 1.4301), not adjustable

DOOR FRAMES

- ⇒ **made of stiff aluminum**
- ⇒ standard : corner frame
- ⇒ options: rectangular and wall embracing frames, these can be provided in variant with effective thermal break
- ⇒ standard finish to the colour of door frame
- ⇒ optional finish : anodised aluminum frame or steel frame

FINISH OF DOOR LEAVES

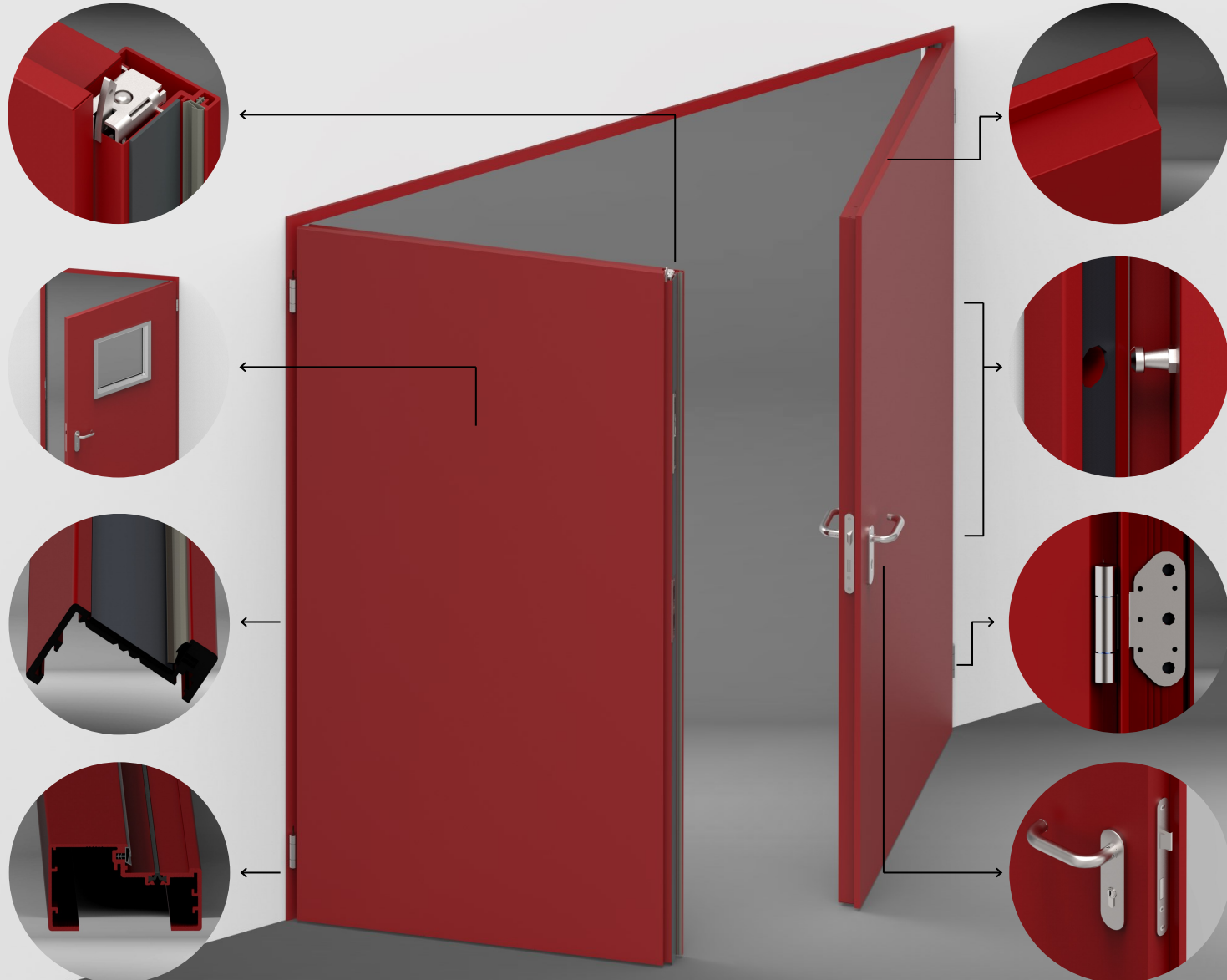
- ⇒ powder coating, RAL on choice
- ⇒ prepared for wet painting on site
- ⇒ zinc coated & coated with transparent lacquer

STANDARD EQUIPMENT

- ⇒ mortise latch and bolt lock, European cylinder
- ⇒ set of stainless steel handles
- ⇒ 2 pcs of safety pins
- ⇒ perimeter rubber gasket
- ⇒ connecting pillar on passive door leaf
- ⇒ intumescent fire gasket placed in door frame

COMPLEMENTARY EQUIPMENT

- ⇒ door closer on choice
- ⇒ panic lock on choice
- ⇒ access control equipment: electric locks and electric strikes, magnet holders
- ⇒ round or rectangular glazing, aluminum framed, powder coated to door leaf colour
- ⇒ ventilation grill aluminum framed, powder coated to door leaf colour
- ⇒ automatic dropping door seal
- ⇒ customised kick plate of stainless steel
- ⇒ water drip cap
- ⇒ position magnet contact



ADDITIONAL INFORMATION

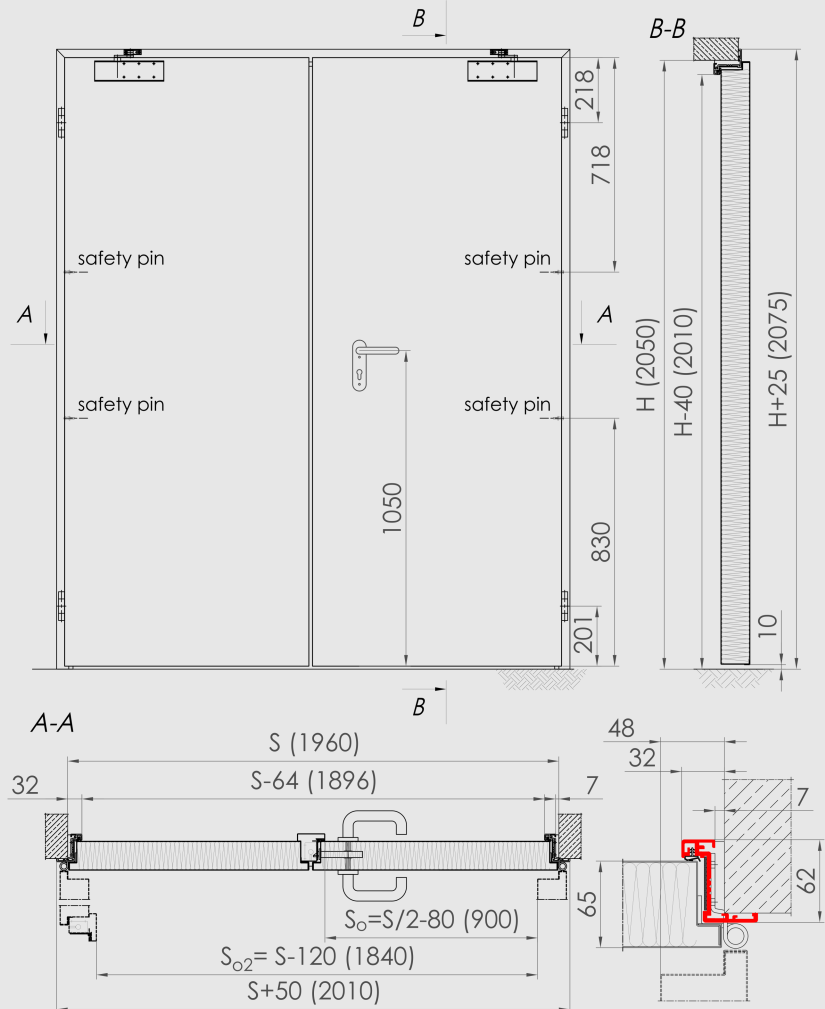
- ⇒ CLASS 3 of mechanical resistance EN 1192
- ⇒ CLASS 6 of mechanical durability EN 12400

TECHNICAL SKETCH

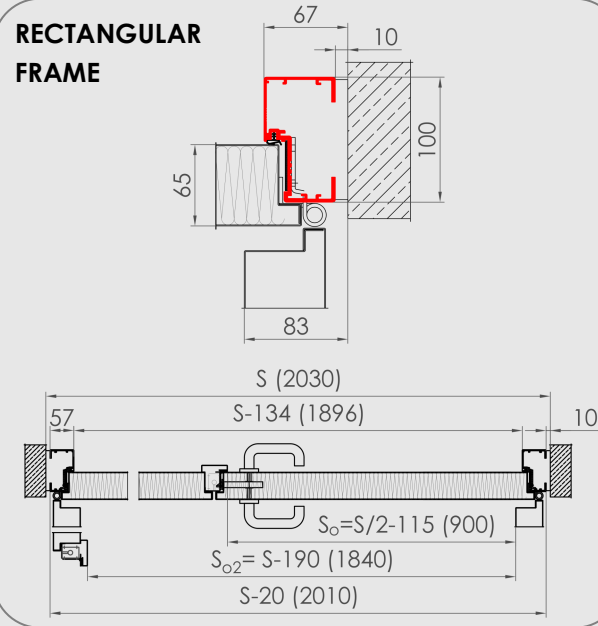
STRUCTURAL DIMENSIONS [mm]

	Certificate no°	Maximum width	Maximum height
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ITB	1254/17/ZOONZP	1 310	2 518

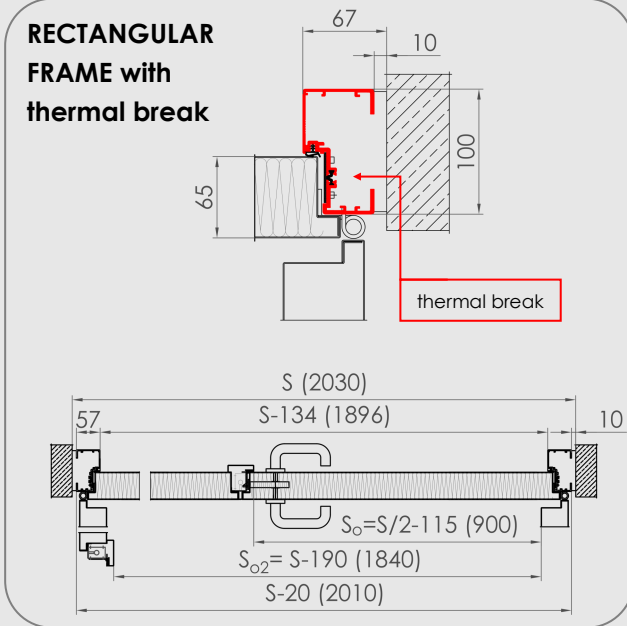
STANDARD CORNER FRAME



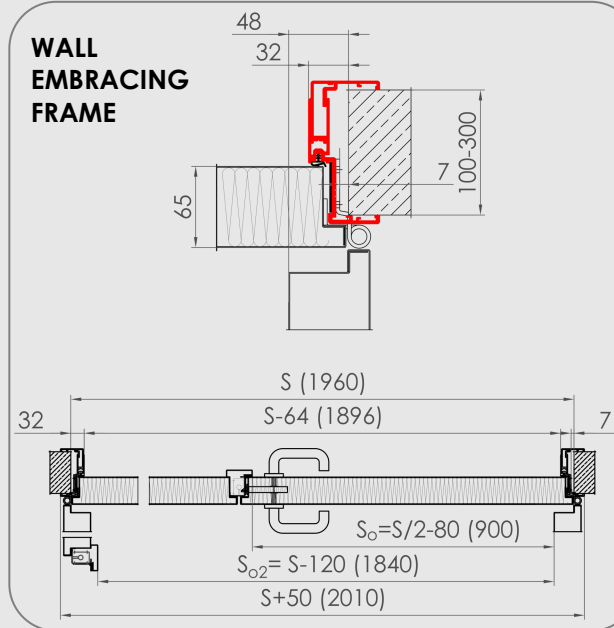
RECTANGULAR
FRAME



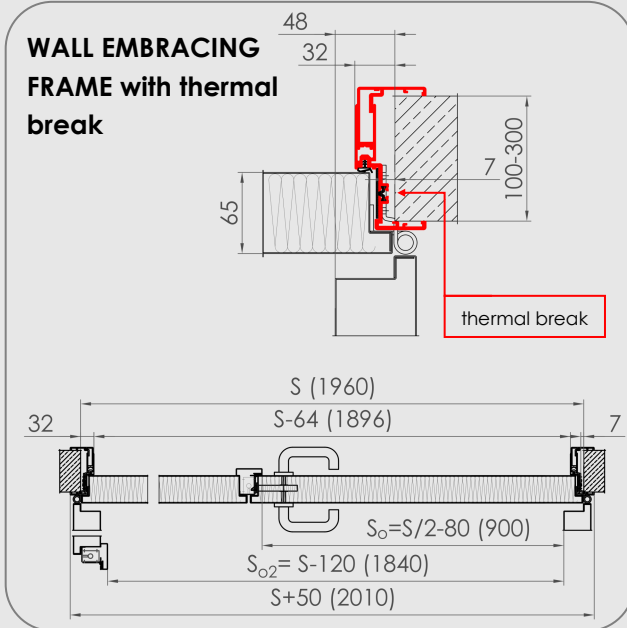
RECTANGULAR
FRAME with
thermal break



WALL
EMBRACING
FRAME



WALL
EMBRACING
FRAME with thermal
break



DESCRIPTION

DOOR LEAVES

- ⇒ door leaf finished with **rigid rebated edge 18 x 18 mm**
- ⇒ Total thickness of doorleaf: 65 mm, constructed of steel skins 75/100 filled in with 140 kg/m³ rockwool, weight: 27 kg/m²
- ⇒ Fitted with 2 pcs of stainless steel hinges per leaf, class AISI 304 according to EN 1.4301, non adjustable

DOOR FRAMES

- ⇒ **made of stiff aluminum**
- ⇒ standard: corner frame
- ⇒ options: rectangular and wall embracing frame; these can be provided in variant with effective thermal break
- ⇒ standard finish: powder coated to the colour of doorleaf le vantail
- ⇒ optional finish: anodised frame or steel frame

FINISH OF DOOR LEAF

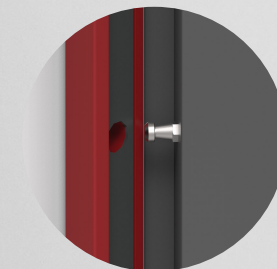
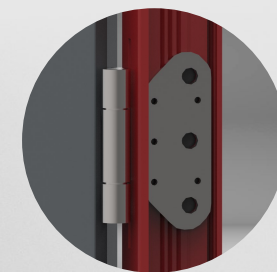
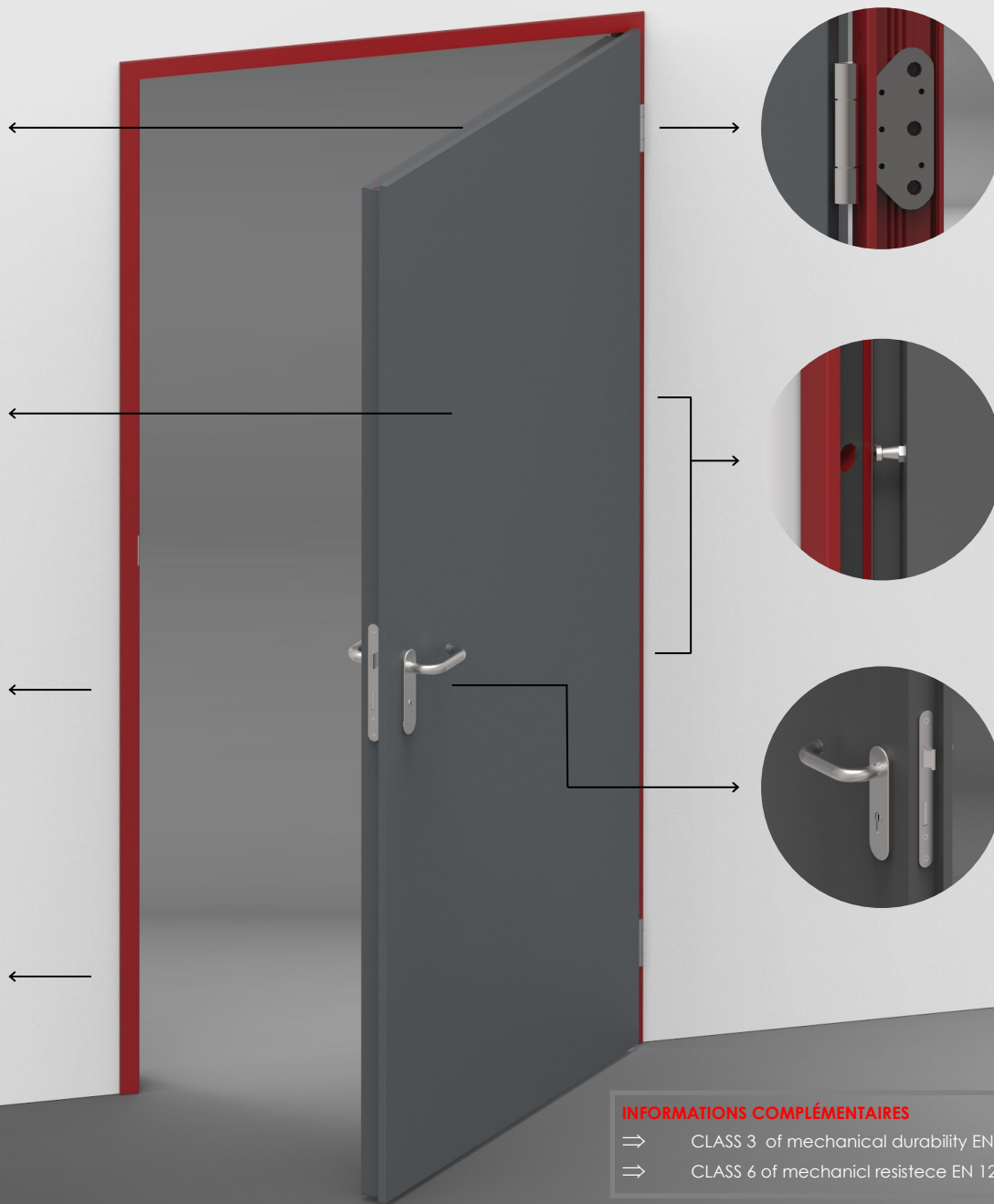
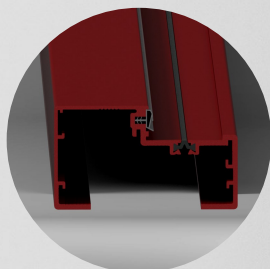
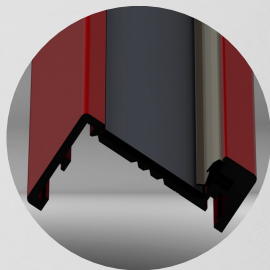
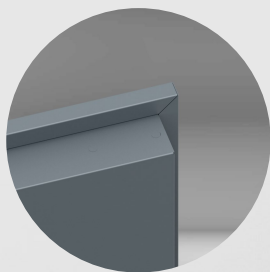
- ⇒ powder coating, RAL on choice
- ⇒ prepared for wet painting on site
- ⇒ zinc-coated & coated with transparent lacquer

STANDARD EQUIPMENT

- ⇒ mortise latch and bolt lock, European cylinder
- ⇒ set of stainless steel handles
- ⇒ 2 pcs of safety pins
- ⇒ perimeter rubber gasket
- ⇒ intumescent fire gasket placed in door frame
- ⇒ transport bottom frame sill

COMPLEMENTARY EQUIPMENT

- ⇒ door closer on choice
- ⇒ panic lock on choice
- ⇒ access control equipment: electric locks and electric strikes, magnet holders
- ⇒ round or rectangular flazing, aluminum framed, powder coated to door leaf colour
- ⇒ ventilation grill framed, powder coated to door leaf colour
- ⇒ automatic dropping door seal
- ⇒ customised kick plate of stainless steel
- ⇒ water drip cap
- ⇒ position magnet contact



INFORMATIONS COMPLÉMENTAIRES

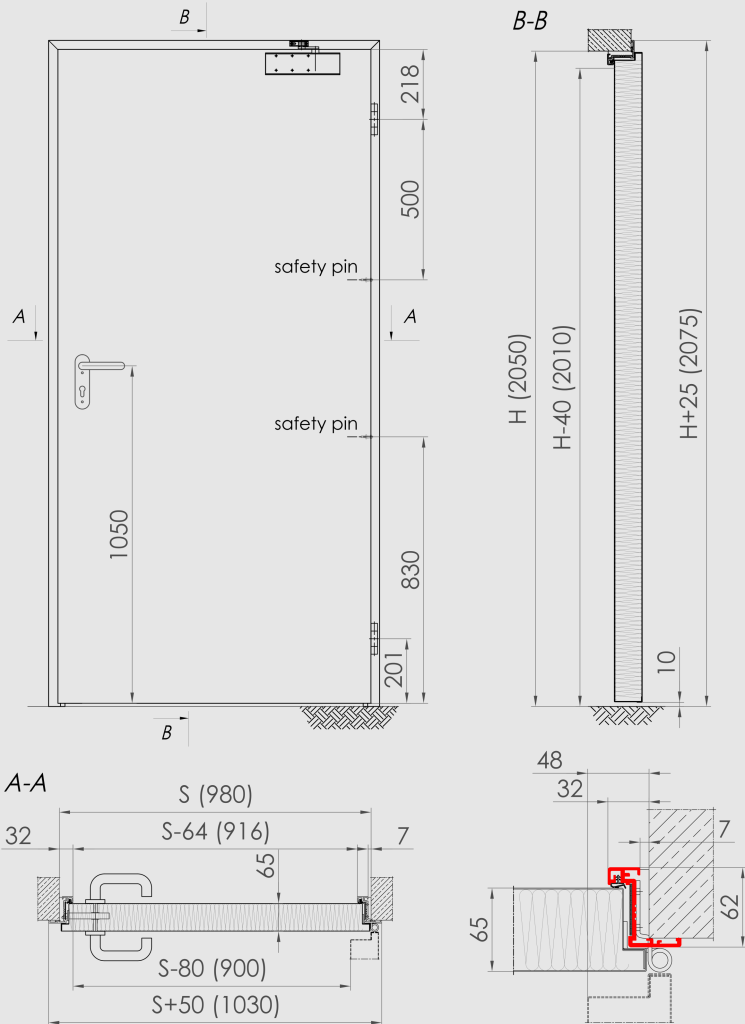
- ⇒ CLASS 3 of mechanical durability EN 1192
- ⇒ CLASS 6 of mechanical resistance EN 12400

TECHNICAL SKETCH

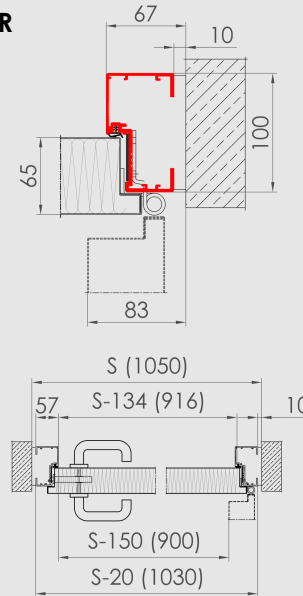
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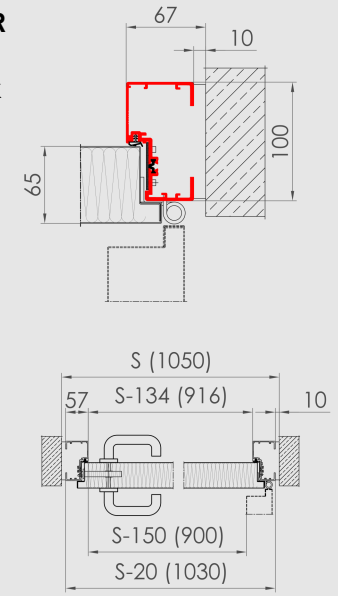
STANDARD CORNER FRAME



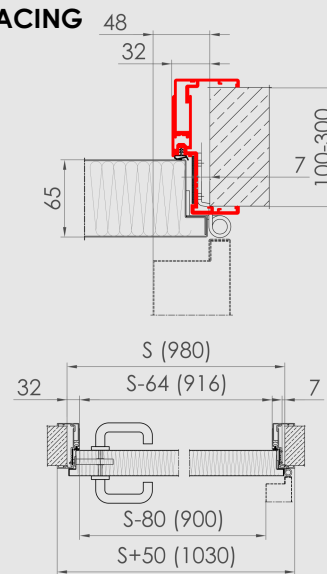
RECTANGULAR FRAME



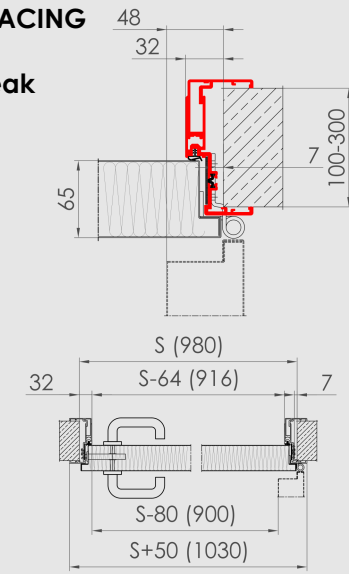
RECTANGULAR FRAME with thermal break



WALL EMBRACING FRAME



WALL EMBRACING FRAME with thermal break



DESCRIPTION

DOOR LEAVES

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- ⇒ fitted with 2 pcs of stainless steel hinges per leaf, class AISI 304 according to EN 1.4301, non adjustable

DOOR FRAMES

- ⇒ **made of stiff aluminum**
- ⇒ standard: corner frame
- ⇒ options: rectangular and wall embracing frame; these can be provided in variant with effective thermal break
- ⇒ standard finish: powder coated to the colour of door leaf
- ⇒ optional finish: anodised frame or steel frame

FINISH OF DOOR LEAVES

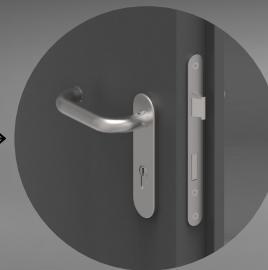
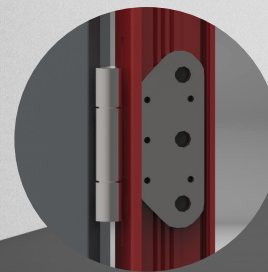
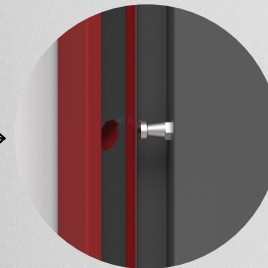
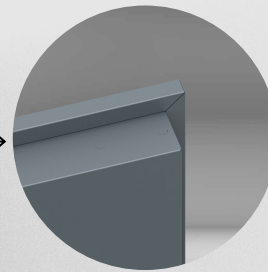
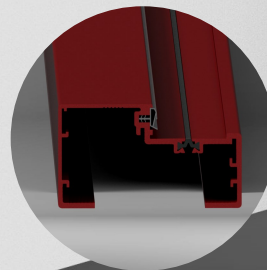
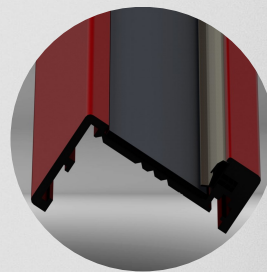
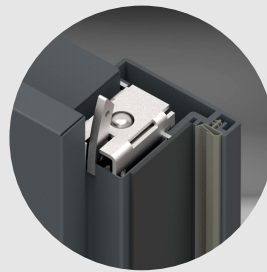
- ⇒ powder coating, RAL on choice
- ⇒ prepared for wet painting on site
- ⇒ zinc-coated & coated with transparent lacquer

STANDARD EQUIPMENT

- ⇒ mortise latch and bolt lock, European cylinder
- ⇒ 2 pcs of stainless steel hinges
- ⇒ 2 pcs of safety pins
- ⇒ perimeter rubber seal
- ⇒ intumescent fire gasket placed in door frame
- ⇒ connecting pillar on passive door leaf
- ⇒ transport bottom frame sill

COMPLEMENTARY EQUIPMENT

- ⇒ door closer on choice errure antipanique, électrique
- ⇒ panic lock on choice
- ⇒ access control equipment: electric locks and electric strikes, magnet holders
- ⇒ round or rectangular glazing, framed, powder coated to door leaf colour
- ⇒ ventilation grill framed, powder coated to door leaf colour
- ⇒ automatic drop down seal
- ⇒ customised kick plate of stainless steel
- ⇒ water drip cap
- ⇒ position magnet contact



ADDITIONAL INFORMATION

- ⇒ CLASS 3 of mechanical resistance EN 1192
- ⇒ CLASS 6 of mechanical durability EN 12400

