ALL TYPES OF FRAMES

CERTIFICATES

→ **Certified for internal application**

1. Certificate of Constancy of Performance 170-UWB-466 (CTO)
2. Certificate of Constancy of Performance 1396-CPR-0130 (FIRES)

→ **Certified for external application**

1. Certificate of Constancy of Performance 2434-CPR-0354 (CTO)
2. Certificate of Constancy of Performance 1396-CPR-0130 (FIRES)

Complemented with relevant Declaration of Performance

→ **Certified also by:**
Efectis France (PV EFR-18-000091)

DOOR MANUFACTURED TO CUSTOMER ORDER

STANDARD

- door leaf of total thickness 65 mm constructed of 2 zinced skins 0.75 mm, edge rebated 18 x 18 mm. Reinforced for door closer application on both sides
- door frame of block type made of zinced steel 1.5 mm; fitted with perimeter rubber gasket and intumescent fire gasket
- in large size door or in particular applications the door frame comes in 2 parts, ready to be screwed together
- door leaf inlet is composed of rockwool reinforced with perimeter steel rectangular profiles; weight of door: 35 kg/m^2
- finish: PPC, palette RAL (258 colours, except signal ones)
- 3 or 4 pcs of hinges, regulated 3D, stainless steel
- DIN standard lock, PZ 72 mm, backset 65 mm
- stainless steel lever handle-handle set; U-form; on long shield
- PZ cylinder, 3 keys
- 2 pcs of safety pins (in case of 4 hinges – 1 pc of safety pin)
- flush bolt in astragal of passive leaf (double leaf door)

ALTERNATIVE EQUIPMENT

- door frame: corner, embracing or other type

ADDITIONAL EQUIPMENT

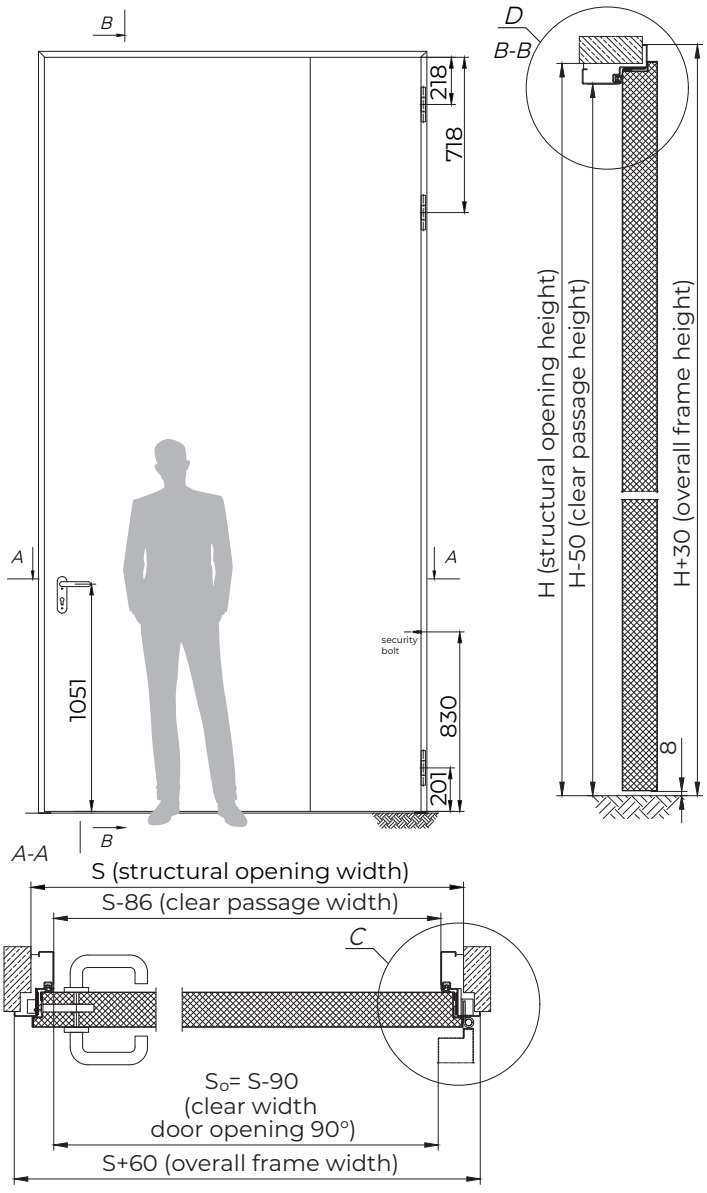
- multipoint locks; panic locks, solenoid and motor locks
- ironmongery: knobs, panic bars
- electric strike plates, magnet locks, magnet contacts
- glass vision panel, rectangular or round, single or double glass
- fire rated ventilation grill
- smoke resistant gasket (S_{a4}, S_{200})
- automatic dropping gasket
- rain drip cap on door frame and/or on lower part of door leaf
- door closers
- alternative equipment and other door features on request

TECHNICAL PARAMETERS

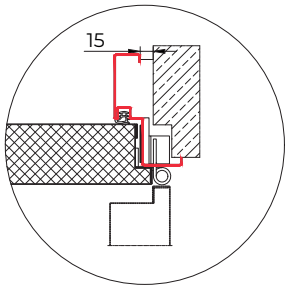
- basic features
  - mechanical resistance: class 3 (optional up to 4) according to standard EN1192
  - mechanical durability: 20 000 cycles
  - corrosion class: C3 (optional C5) according to standard EN ISO 12944-2:1018-02
  - ability to release: confirmed
- Ud (heat transfer coefficient) for DFM OS 60-2 = 1,1 W/m^{2}K for application with block frame; and 0,99 W/m^{2}K for corner frame
- other functional features: according to relevant Declaration of Performance

CORNER FRAME

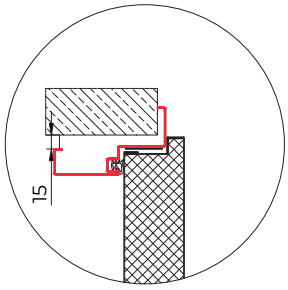
→ front view and cross section



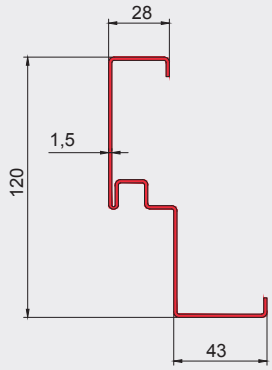
→ detail C



→ detail D



→ **calculation of wall opening versus clear opening for the corner door frames:**



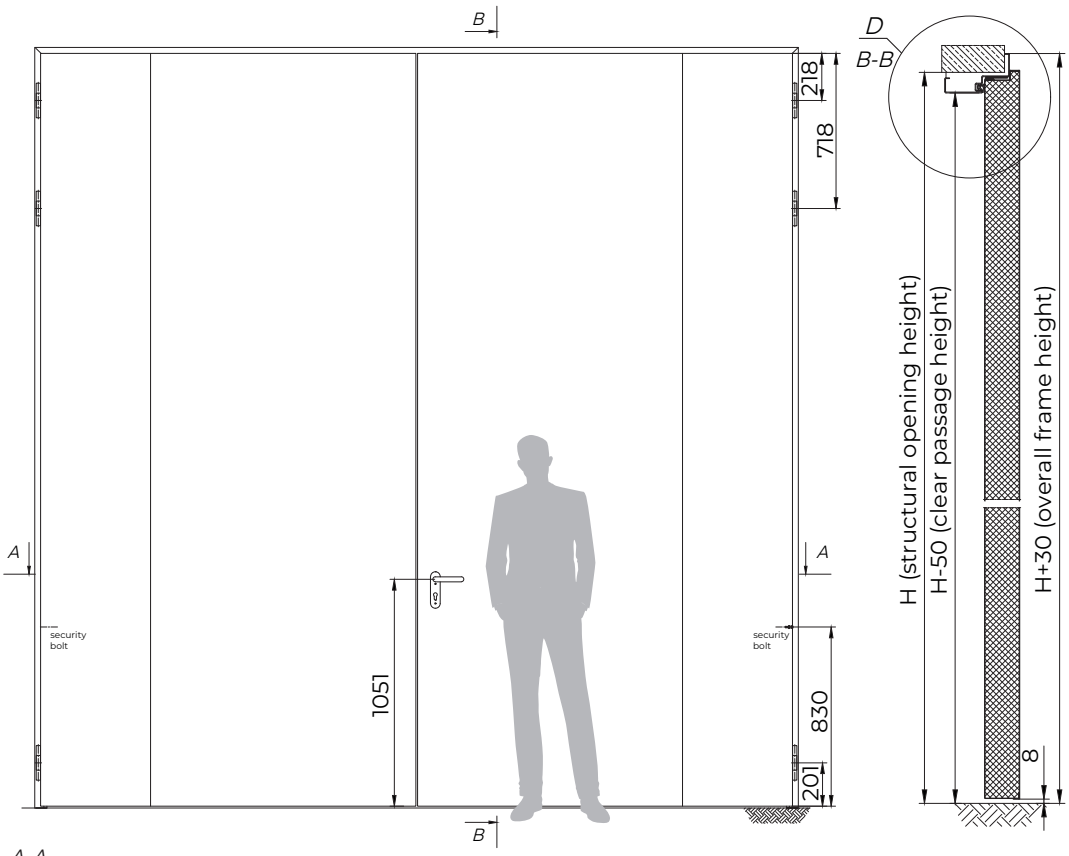
→ corner steel frame

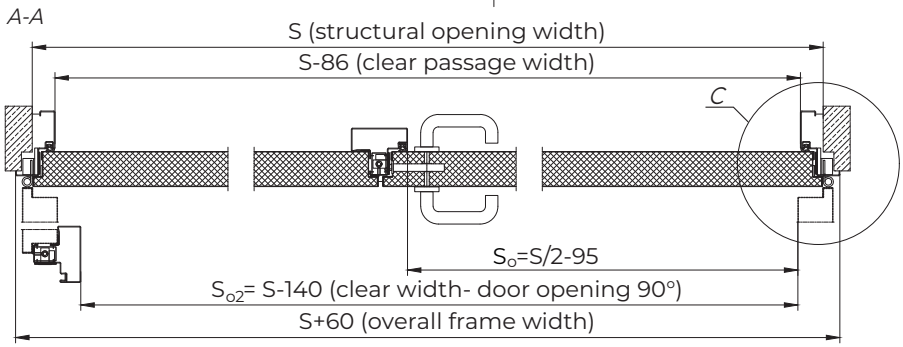
range of equipment and necessary wall treatment (cut-outs) **are shown on separate data sheets**

NOTE! door frame and installation gap to be duly filled, in accordance with certificate

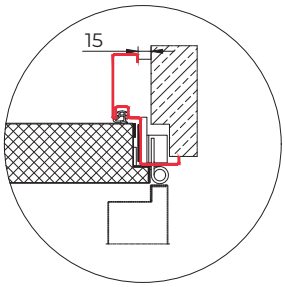
CORNER FRAME

→ front view and cross section

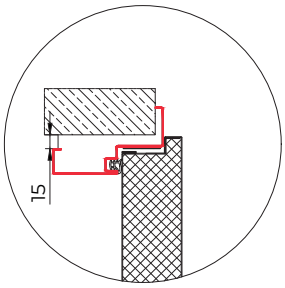




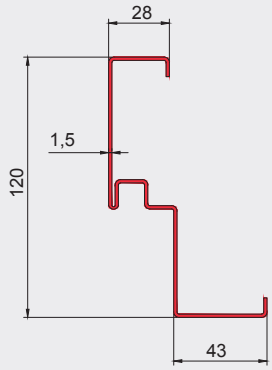
→ detail C



→ detail D



→ **calculation of wall opening versus clear opening for the corner door frames:**



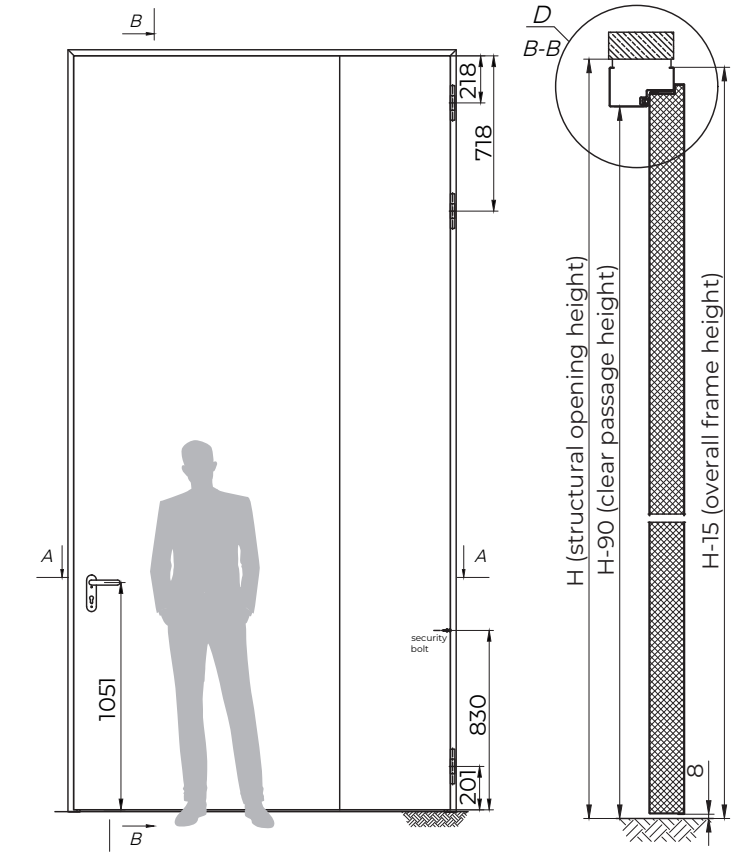
→ corner steel frame

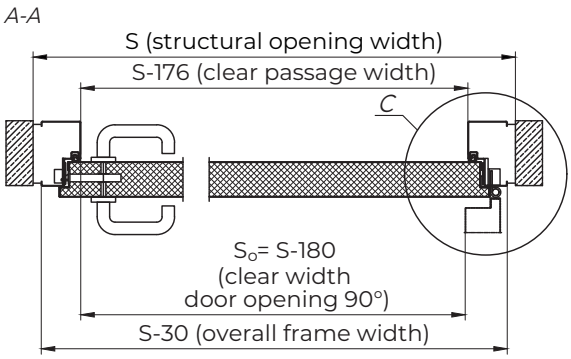
range of equipment and necessary wall treatment (cut-outs) **are shown on separate data sheets**

NOTE! door frame and installation gap to be duly filled, in accordance with certificate

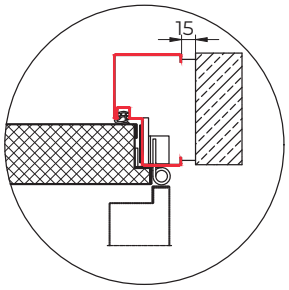
BLOCK FRAME

→ front view and cross section

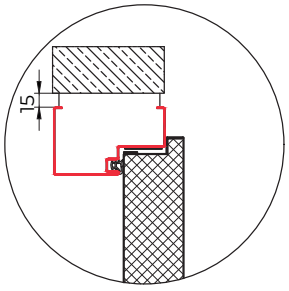




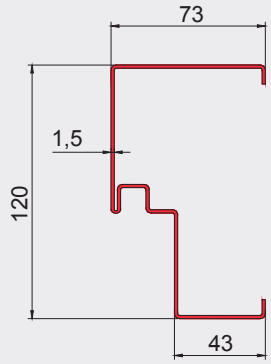
→ detail C



→ detail D



→ **calculation of wall opening versus clear opening for the block frames:**



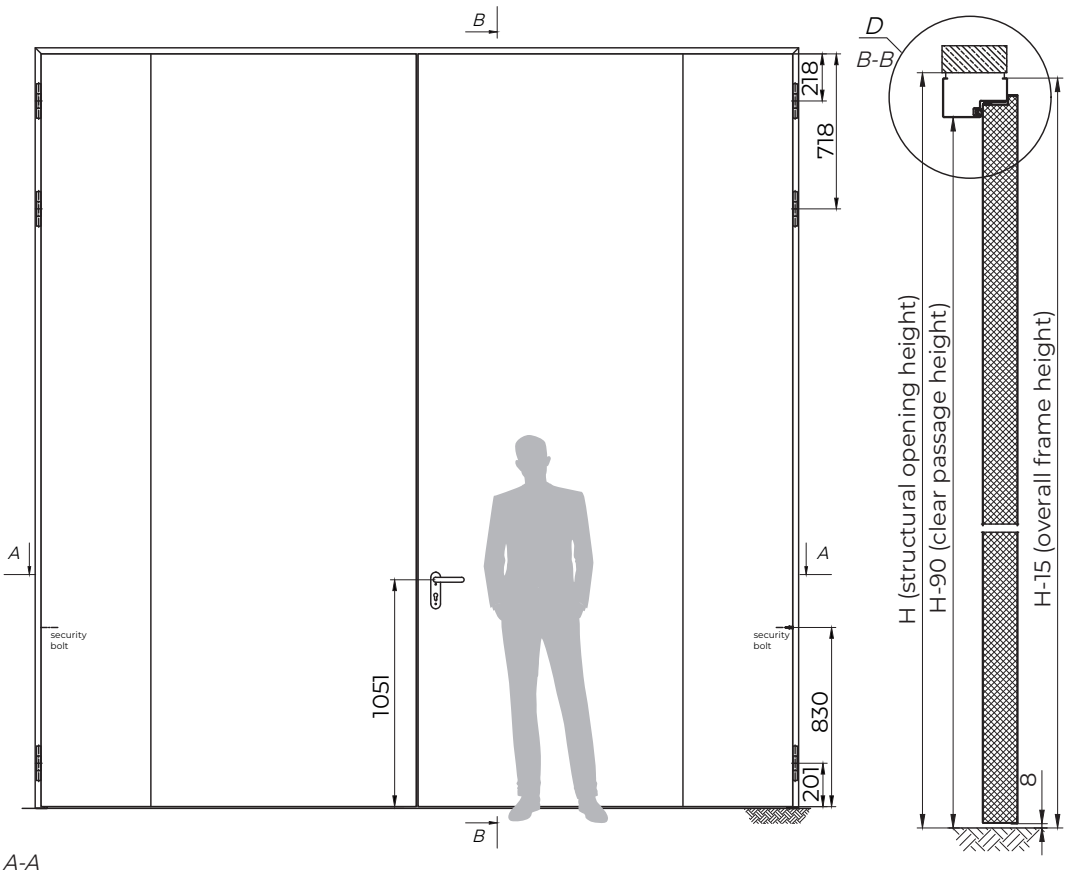
→ block steel frame

range of equipment and necessary wall treatment (cut-outs) **are shown on separate data sheets**

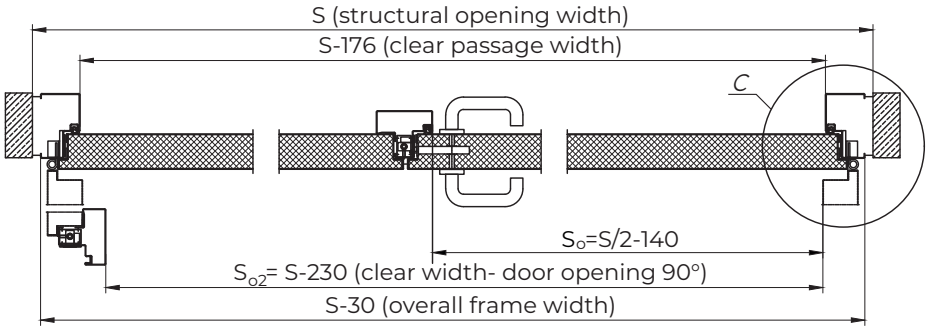
NOTE! door frame and installation gap to be duly filled, in accordance with certificate

BLOCK FRAME

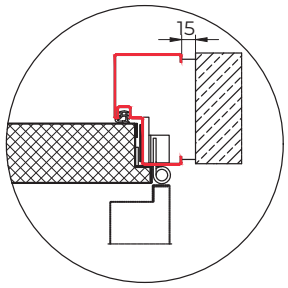
→ front view and cross section



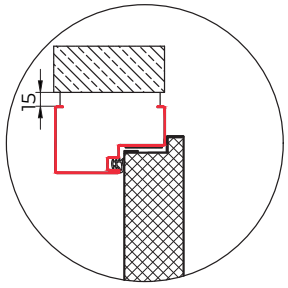
A-A



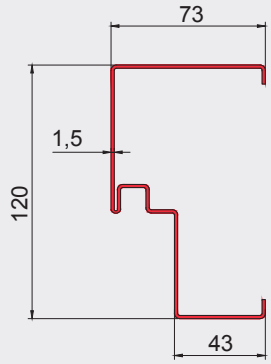
→ detail C



→ detail D



→ **calculation of wall opening versus clear opening for the block frames:**



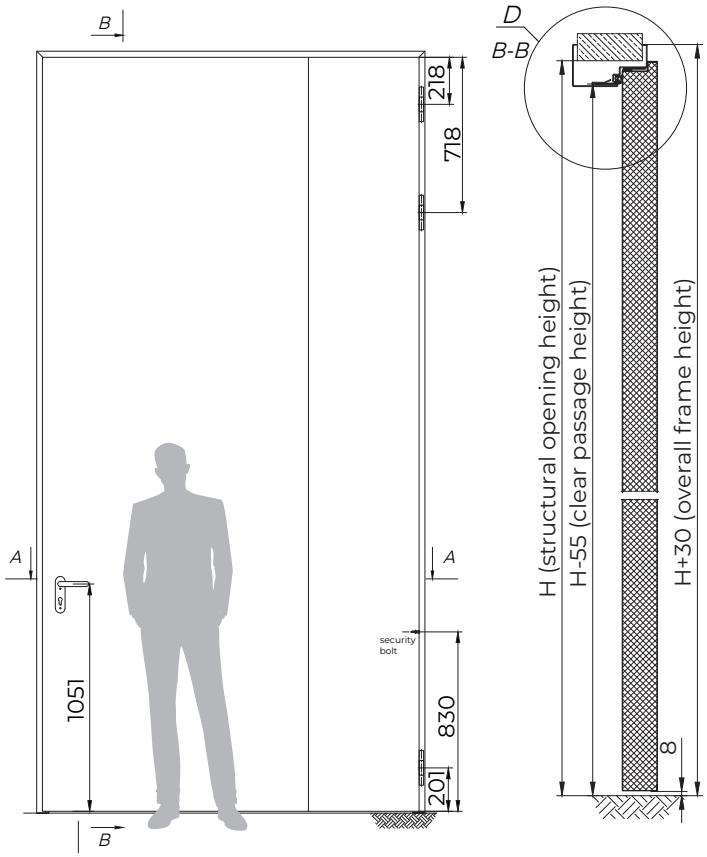
→ block steel frame

range of equipment and necessary wall treatment (cut-outs) **are shown on separate data sheets**

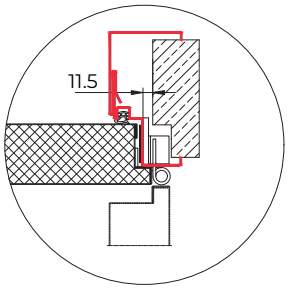
NOTE! door frame and installation gap to be duly filled, in accordance with certificate

EMBRACING FRAME

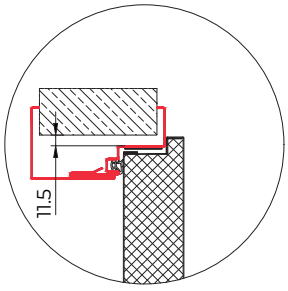
→ front view and cross section



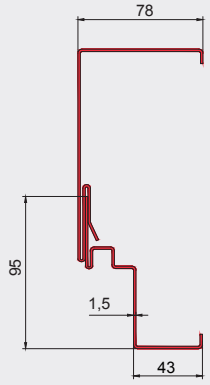
→ detail C



→ detail D



→ **calculation of wall opening versus clear opening for the embracing door frames:**



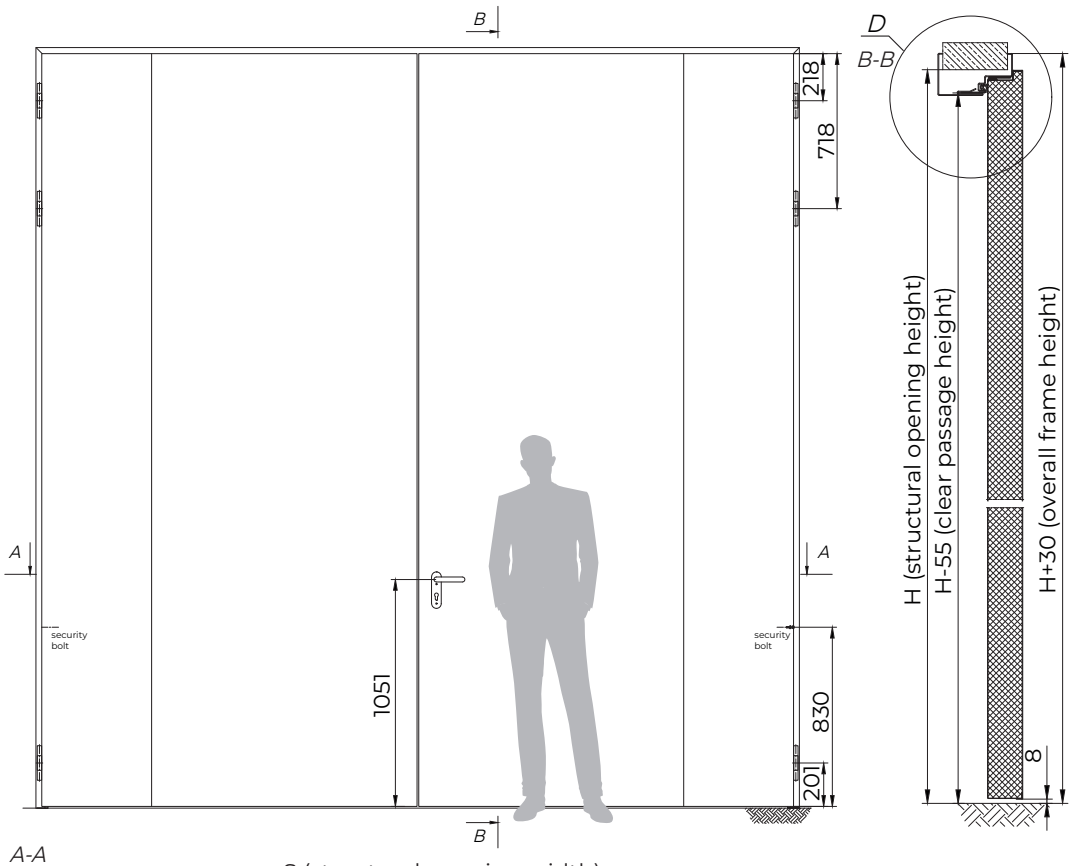
→ embracing steel frame

range of equipment and necessary wall treatment (cut-outs) **are shown on separate data sheets**

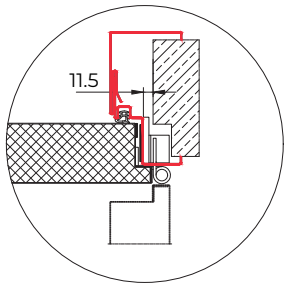
NOTE! door frame and installation gap to be duly filled, in accordance with certificate

EMBRACING FRAME

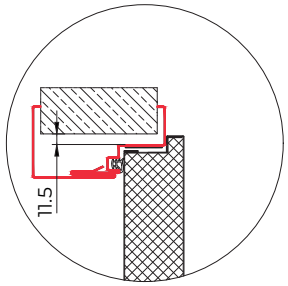
→ front view and cross section



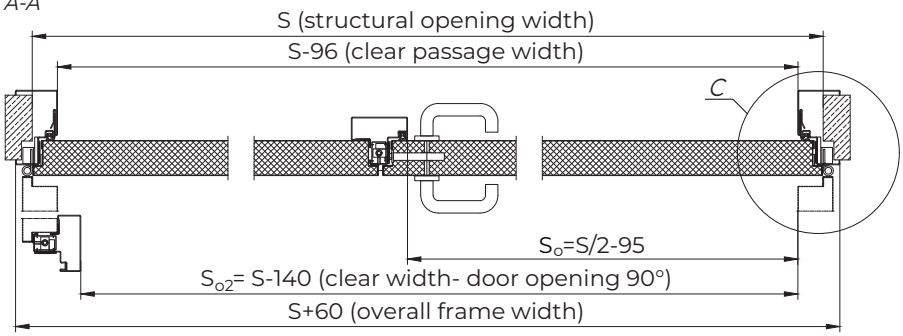
→ detail C



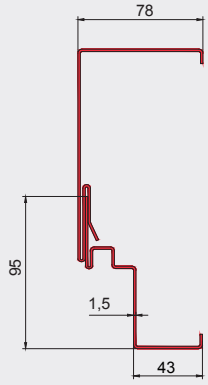
→ detail D



A-A



→ **calculation of wall opening versus clear opening for the embracing door frames:**



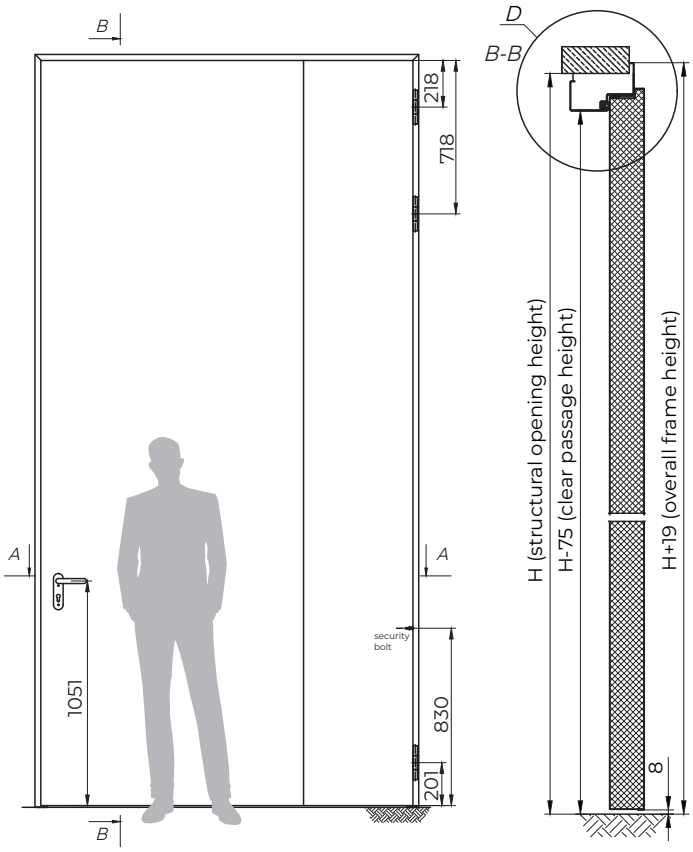
→ embracing steel frame

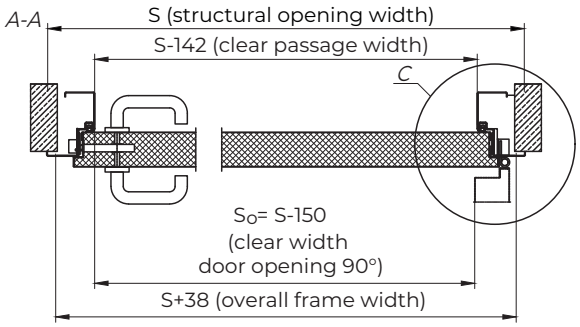
range of equipment and necessary wall treatment (cut-outs) **are shown on separate data sheets**

NOTE! door frame and installation gap to be duly filled, in accordance with certificate

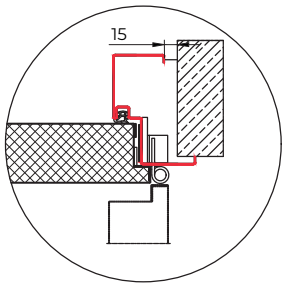
HYBRID FRAME (60N)

→ front view and cross section

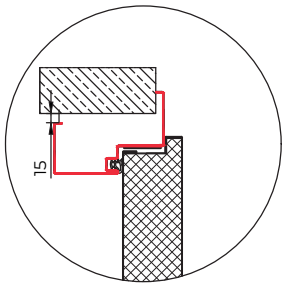




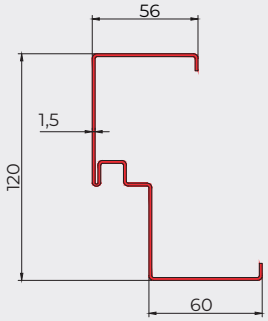
→ detail C



→ detail D



→ **calculation of wall opening versus clear opening for the hybrid door frames:**



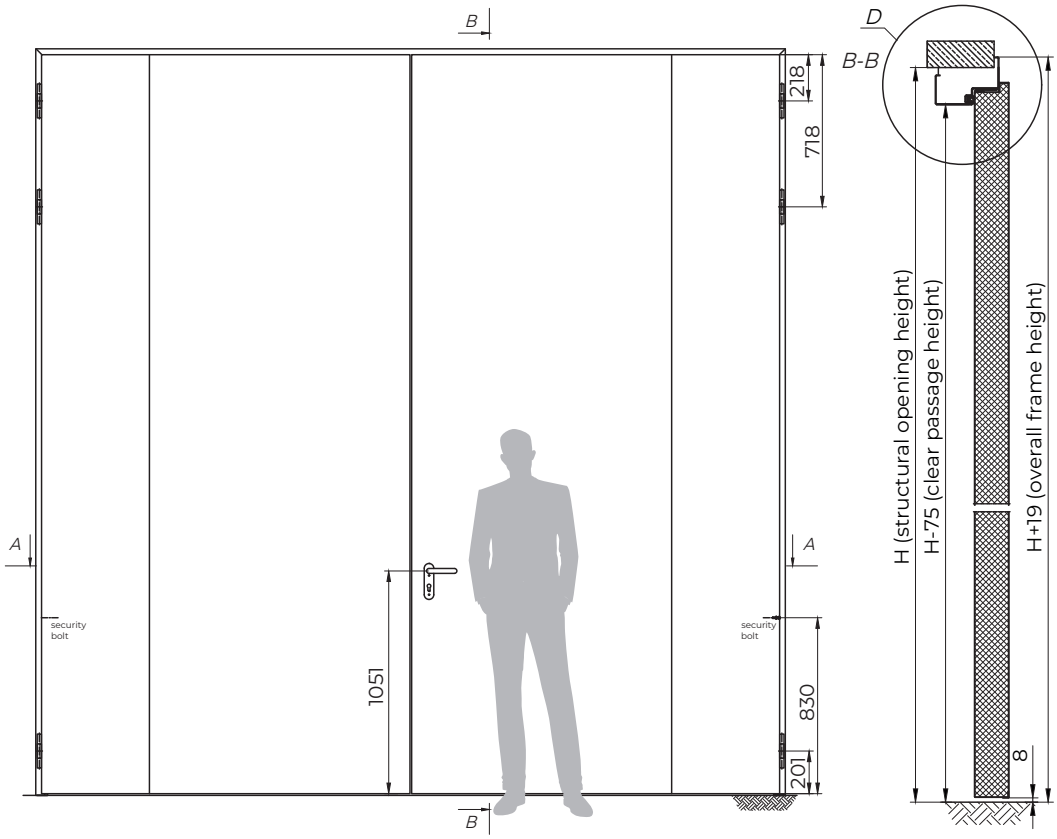
→ hybrid steel frame

range of equipment and necessary wall treatment (cut-outs) **are shown on separate data sheets**

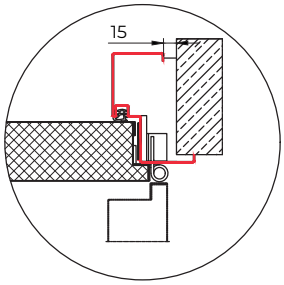
NOTE! door frame and installation gap to be duly filled, in accordance with certificate

HYBRID FRAME (60N)

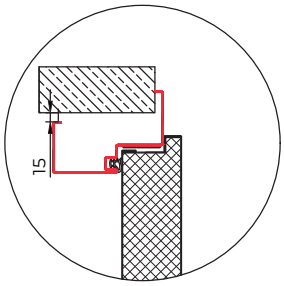
→ front view and cross section

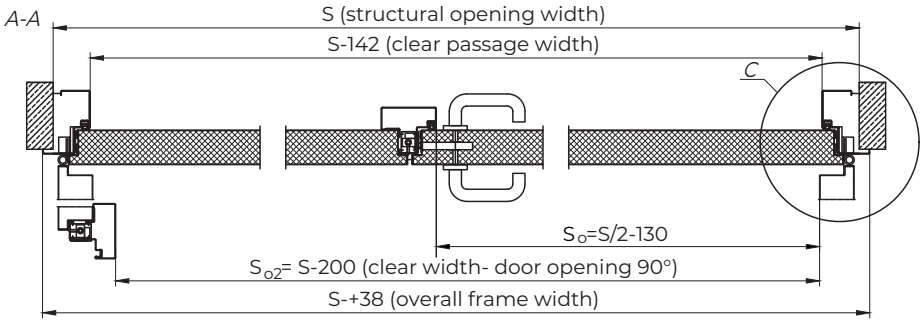


→ detail C

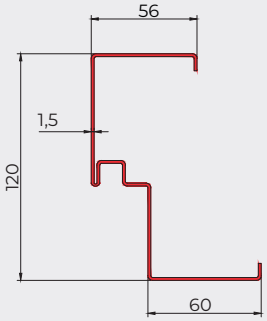


→ detail D





→ **calculation of wall opening versus clear opening for the hybrid door frames:**



→ hybrid steel frame

range of equipment and necessary wall treatment (cut-outs) **are shown on separate data sheets**

NOTE! door frame and installation gap to be duly filled, in accordance with certificate