

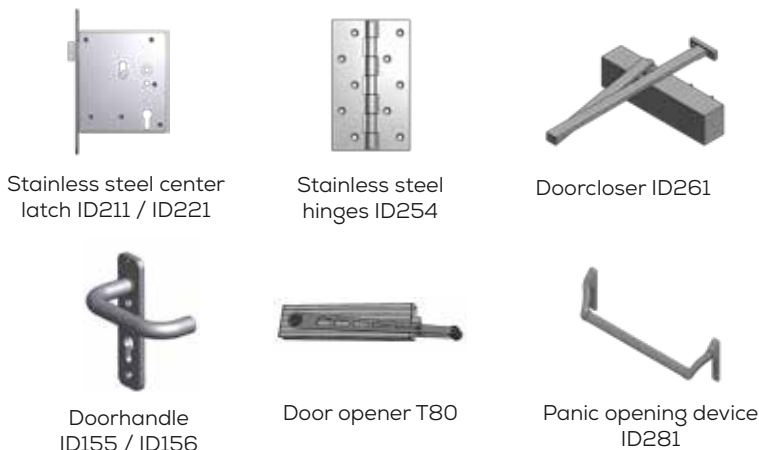
Performances

Fire resistance	EI ₂ 60 in accordance with NEN-EN 13501-2:2016 Efectis-R0695:2020 (RWS fire curve) EW 120 in accordance with NEN-EN 13501-2:2016 / Efectis-R0695:2020
Pressure resistance	Test discontinued after 180 minutes, integrity of doors not compromised. Up to 110 kPa, 200ms blast, isosceles triangular, (no destruction of door performance) based on IDM-SLH-A60 description of pressure cycle resistance.
Fatigue resistance	up to 30 yrs // 20 mio cycli, assessment acc NEN-EN 1993-1-9 fatigue. Dynamic differences +/- 2 kPa.
Air permeability	Class 4*.
Resistance to wind load	Class C4*.
Water tightness	Class 2A*.
Sound insulation	Minimum of 34 (0;-1) dB*.
Thermal insulation	U = 0.5 W/m ² K.
Ease of operation	Standard opening force of 65N. Optional: If escape tunnel has an overpressure (Of up to 400pa), maximum opening force of 100N, including opening assistance.
Durability	Design lifetime of over 30 years with normal maintenance.
Efficiency for maintenance	Easy accessibility and spare parts are normally available from stock. Optional maintenance service available at InterDam Maintenance and Repair.
Optional	Mechanical door opening assistant. Magnalock electronic locking for access control and/or alarm system. Open-close sensor. Euro cylinder in lock. Kickplates. Windbreak. Double seal (improved gas-/weather tightness and sound insulation). Limit switch, panic bar operated.
Aesthetics	Thickness 143mm. Doors can be supplied in: - galvanized steel DX51D + Z275 - standard 2-layer onshore coating. - galvanized steel DX51D + Z275 - standard 3-layer offshore coating. - stainless steel 316L - micropeen/glassblasting finish. - stainless steel 316L - Standard 2-layer coating. - stainless steel 316L - Standard 3-layer coating. Standard RAL end colours included and chosen by client.

Technical drawing



Hardware



* extrapolated/based on detailed door tests of similar doors