

Single Leaf Air Tight Steel Door

Air Tight class 4 tested acc. to EN 1026
up to zu 0,4 m³ / hm² at 2000 Pa

Optional Audited Additional Functions

- Stainless Steel

Range of Dimension

Width from 625 mm to 1250 mm

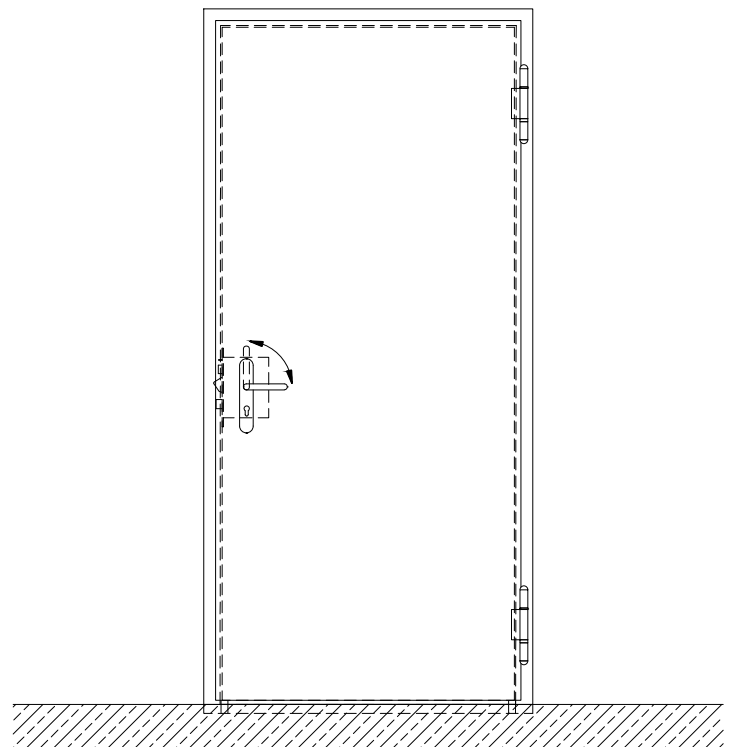
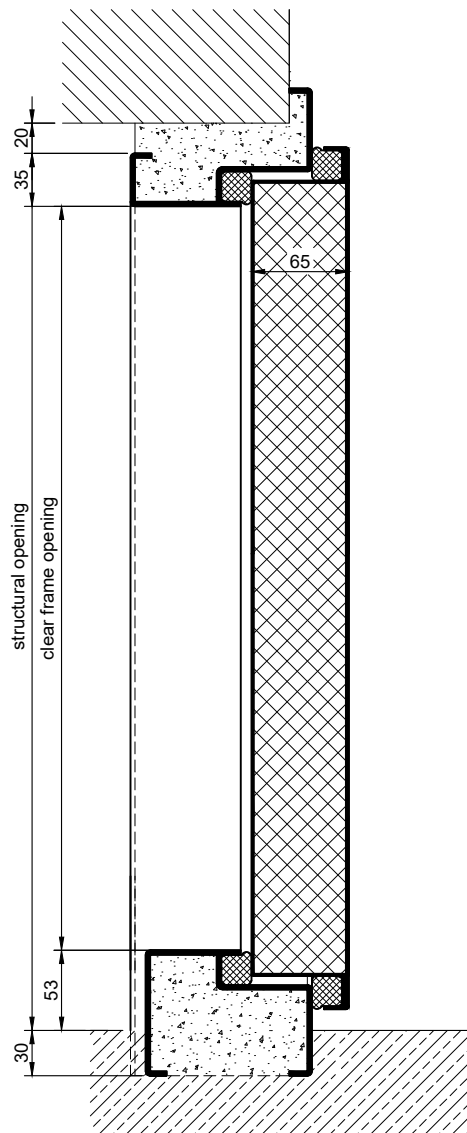
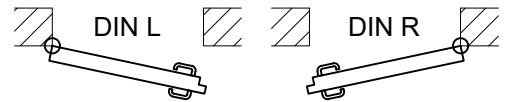
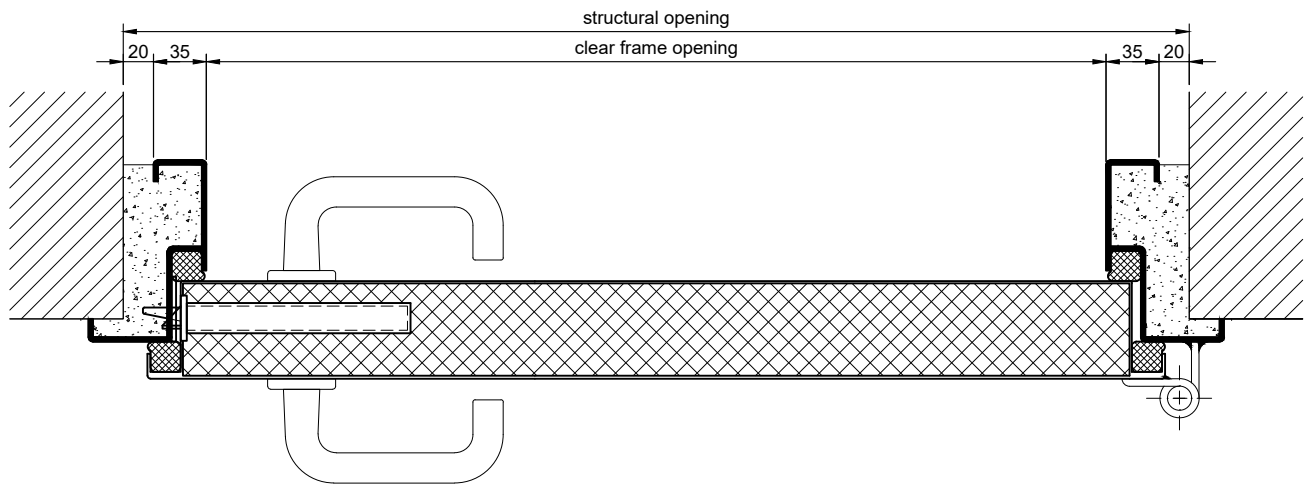
Height from 1500 mm to 2250 mm

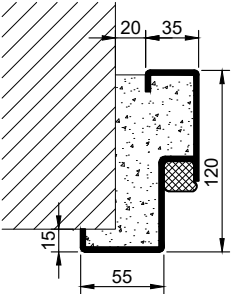
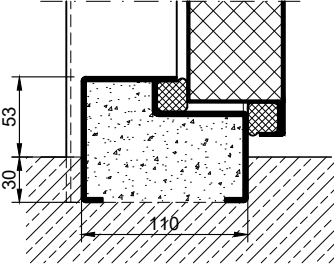
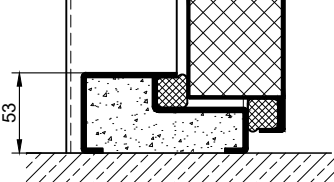
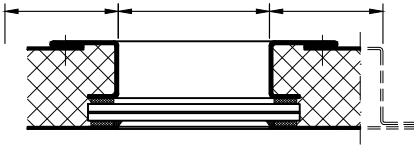
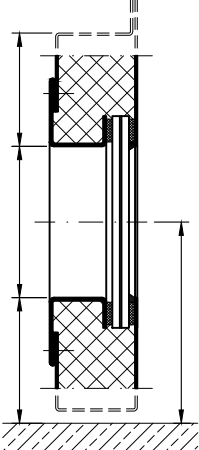
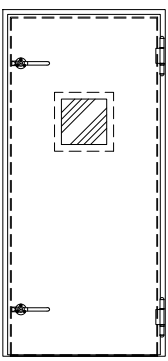
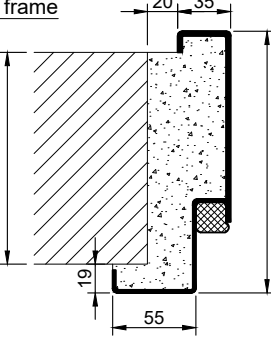
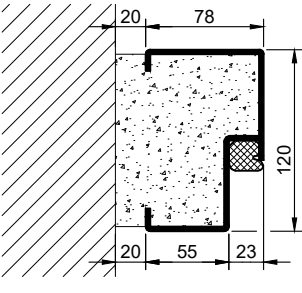
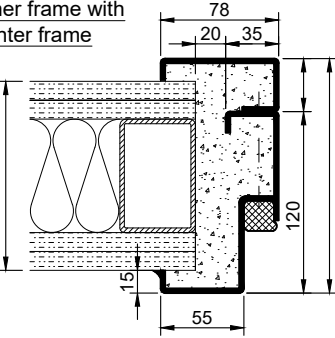
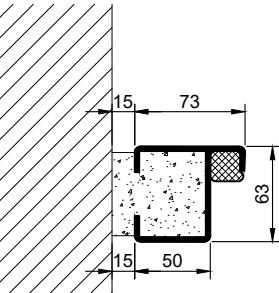
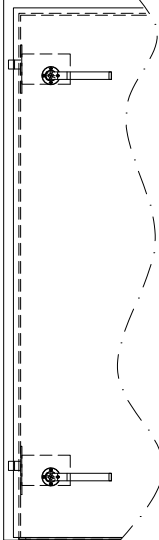
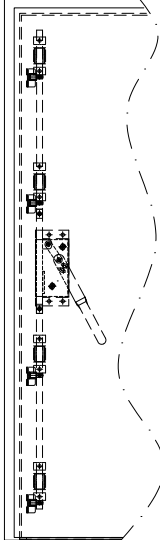
Technical Specification and Tender Text

Product:	LD-1 / 03 - DF single leaf air tight steel door brand Buchele tested acc. to EN ISO 1026
Door Type:	LD-1 / 03 - DF
Air Tight Class:	4
Structural Opening: x mm
Door Leaf:	Double-walled, planar 65 mm thick steel door, four sides rebated with thick rebate and adjustable fixed sealing profile in the rebate. Special insulating inserts fully laid-in and glued.
Frame:	4-sided circumferential rebated corner frame with high-quality multi chamber sealing profile adjustable fixed in the four-sided groove.
Hinges:	Three-part, height adjustable construction hinges with hinge pin retention and ball bearing spacer ring for smooth door movement.
Fitting:	Wedge clamping lock in solid version with heavy-duty locking wedge, spring-loaded lock hatch and automatic maloperation system (prepared for installation of a profile cylinder, provided by customer). Door handle set acc. to EN 1906 fixed pivoted stainless steel in U-shape with rounded long-plate.
Surface:	Door leaf and frame galvanized und primed with 2K-PUR primer (Very High Solid) similar RAL 7035.

Special Versions

Glazing:	Single glazing or insulating glazing fixed with profiled and visible screwed steel glazing bars. Minimum border 125 mm on side and top, base 300 mm.
Stainless Steel:	Material 1.4301 (V2A) or 1.4404 (V4A), Surface mill finish or brushed.



Frames	Thresholds	Options
<p><u>corner frame</u></p> 	<p><u>full sill</u></p>  	<p><u>vision panel</u></p>   
<p><u>encasing frame</u></p> 		<p><u>block frame</u></p> 
<p><u>corner frame with counter frame</u></p> 	<p><u>profile block frame</u></p> 	<p><u>clamping locks</u></p>  <p><u>central lock</u></p> 

6.2.2_LD-1-03-DF_EN

technical modifications reserved - edition 07/2024