

**Double Wing STB LIGHT Line Acoustic Door**

**Noise Control** **R<sub>w,P</sub> 41 dB** **in accordance with DIN EN ISO 10140-2**

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|---|--|--|
| <ul style="list-style-type: none"> <li>* Air Tight</li> <li>* Rain and fire water tight</li> <li>* Wind tight</li> <li>* Pressure resistant</li> <li>* Explosion protection</li> <li>* Stainless steel</li> </ul> | <p><b>up to classification 3</b></p> <p><b>up to classification 1</b></p> <p><b>up to classification 4</b></p> <p><b>up to 5 kPa</b></p> <p><b>up to zone 1/21</b></p> | <p>in accordance with DIN EN 12426</p> <p>in accordance with DIN EN 12425</p> <p>in accordance with DIN EN 12424</p> <p></p> <p>in acc. with DIN EN 1127-1 or ATEX 94/9/EG</p> |
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**Range of Dimensions:** **Width from 1375 mm to 4000 mm**  
**Height from 1750 mm to 4000 mm**

(\* special options see back of page)

**Technical specification and text for invitation to tender**

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|---------------------------------------|---|
| <b>Product:</b>                       | <b>STB 41-2 double wing acoustic steel door brand Buchele</b><br><b>In accordance with DIN EN ISO 10140-2</b>   |
| <b>Door Type:</b>                     | <b>STB 41-2 LIGHT Line</b>  |
| <b>Noise controll R<sub>w,P</sub></b> | <b>41 dB</b>  |
| <b>Dimensions:</b>                    | <b>.... x .... mm</b>   |
| <b>Door Leaf:</b>                     | Double walled, level 75 mm thick steel door leaf without hinge embossing, three sides folded with thick rebate and adjustable fixed sealing profile in the fold. Without bottom stop.<br>With drop seal to the floor.<br>Special insulating inserts completely laid in and glued.   |
| <b>Sill:</b>                          | Floor bracket as separation bar. Surface galvanized and welded to the frame.  |
| <b>Frame:</b>                         | 3-sided circumferential folded corner frame with high quality multi-chamber sealing profile adjustable fixed in the three sided groove.   |
| <b>Hinges:</b>                        | Threepart height-adjustable construction hinges with hinge pin retention and ball-bearing spacer ring for smooth door movement.   |
| <b>Fitting:</b>                       | <b>Active door leaf</b> with mortice lock with latch lever function (prepared for installation of a profile cylinder lock provided by customer).<br>Door handle set in accordance with DIN EN 1906 firmly installed turnable synthetic material black in U-shape with rounded short-plate.<br><b>Inactive door leaf</b> with stationary wing with 2-point locking device and espagnolette with lever. |
| <b>Surface:</b>                       | Door leaf and frame galvanized and primed with one component primer similar RAL 7001.   |
| <b>Mounting:</b>                      | Delivery and professional assembly including filling of the cavities in the frame with mortar of group III.   |

**Special Models**

<b>Standard Glazing:</b>	Regular glazing – or insulated glazing (glazing freely selectable) held by profiled and visibly screwed steel glazing bars. Minimum frieze width 125 mm side and top, base 340 mm.
<b>Airtight:</b>	High-quality multi-chamber sealing profile adjustable fixed in the three sided groove of the frame in connection with a drop seal or a stop seal.
<b>Driving Rain Water tight:</b>	High-quality multi-chamber sealing profile adjustable fixed in the three sided groove of the frame in connection with a drop seal or a stop seal.
<b>Windproof</b>	High-quality multi-chamber sealing profile adjustable fixed in the three sided groove of the frame in connection with a drop seal or a stop seal
<b>Stainless Steel:</b>	Material 1.4301 (V2A) or.1.4571 (V4A), Surface bright mill or brushed.

