

## BOS Tender Specifications

Please complete the text to suit your requirements.

Further information regarding tender specifications:

- The basics for steel frames (see BOS Compendium)

### Duo15Z two part split wrap around frame as block profile for almost all wall types, encompassing the wall

based on following technical data:

Amount: ...

BOS profile: ☐ 15ZBud (for rebated closing door leaf and single rebate)  
☐ 15ZBsd (for flush closing door leaf and single rebate)  
☐ 15ZBuFd (for rebated closing door leaf and double rebate)  
☐ 15ZBsFd (for flush closing door leaf and double rebate)

Design: 2 part split  
☐ single leaf  
☐ 2 leaf

Material:

☐ primed

☐ powder coated, RAL ...

☐ silk gloss (standard)

☐ matt

☐ textured

☐ hammer tone (on request)

☐ DB (on request)

☐ NCS (on request)

☐ Stainless steel (visible surface grain 240 brushed and polished):

☐ Inox 304 (1.4301):

☐ Inox 316ti (1.4571):

☐ Premium quality

☐ Top P quality

☐ Design quality (overall width max. 1450 mm)

☐ Top D quality (overall width max. 1450 mm)

☐ raw (visible surface untreated for further processing on site)

☐ visible surface primed

☐ ...

Sheet thickness: ☐ 1.5 mm

☐ 2.0 mm

Measurements (W x H):

Structural wall measurement: ... x ... mm

Rebate measurements: ... x ... mm

Receiving opening: ... mm

Total depth of frame: ... mm

Architrave front / back: ☐ 30 / 45 mm

☐ ... / ... mm

Backbend front / back: ☐ 15 / 15 mm

☐ ... / ... mm

Rebate width: ☐ 15 mm

☐ ... mm

Rebate depth timber door leaf:

☐ 28.5 mm, closing level ☐ 4,5 mm (standard for rebated door leaf)

☐ 46.5 mm, closing level ☐ 17 mm (standard for flush door leaf)

☐ ... mm, closing level ... mm

Subject to technical modifications and errors.

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Rebate depth glass door leaf:

- |   |                              |   |
|---|------------------------------|---|
| <input type="checkbox"/> 28.5 mm, closing level | <input type="checkbox"/> 4,5 | mm (standard for 8 mm glass door leaf)  |
| <input type="checkbox"/> 30.5 mm, closing level | <input type="checkbox"/> 4,5 | mm (standard for 10 mm glass door leaf) |
| <input type="checkbox"/> ... mm, closing level  | ...                          | mm                                      |

Rebate type door leaf:

- |   |  |
|---|--|
| <input type="checkbox"/> double rebate: | <input type="checkbox"/> 2. rebate depth: 25 mm  |
|   | <input type="checkbox"/> 2. rebate depth: ... mm |

Handle height:

- |                               |    |
|-------------------------------|----|
| <input type="checkbox"/> 1050 | mm |
| <input type="checkbox"/> 850  | mm |
| <input type="checkbox"/> ...  | mm |

Choose bolt and latch hole cutout or stainless steel striking plate:

☐ latch and bolt cut out (standard):

- |   |
|---|
| <input type="checkbox"/> with lock hole reinforcement |
| <input type="checkbox"/> with latch adjustment        |

☐ latch adjustment only:

- |  |
|--|
| <input type="checkbox"/> with latch adjustment |
|--|

☐ stainless steel striking plate:

- |  |
|--|
| <input type="checkbox"/> Protect (flush and rebated)                       |
| <input type="checkbox"/> Protect with latch adjustment (flush and rebated) |
| <input type="checkbox"/> Protect & Clean (flush and rebated)               |
| <input type="checkbox"/> Protect & Clean with latch adjustment (flush)     |

Metre mark:

pre-punched

Foundation bedding:

- |                              |    |
|------------------------------|----|
| <input type="checkbox"/> 0   | mm |
| <input type="checkbox"/> 30  | mm |
| <input type="checkbox"/> ... | mm |

Seal:

☐ PVC hollow chamber seal (standard):☐ raised design:

- |                                 |
|---------------------------------|
| <input type="checkbox"/> + 2 mm |
| <input type="checkbox"/> + 4 mm |
| <input type="checkbox"/> + 7 mm |

☐ flat bed design (- 3 mm)☐ TPE hollow chamber seal☐ TPE lip seal☐ APTK lip seal (smoke, fire, sound protection)

Anchor:

- |   |
|---|
| <input type="checkbox"/> BOS levelling anchor |
| <input type="checkbox"/> ...                  |

For on site foaming (please see Notes):

- |   |
|---|
| <input type="checkbox"/> slotted holes in the seal groove |
|---|

Hinge pockets:

- |                                    |
|------------------------------------|
| ...                                |
| <input type="checkbox"/> DIN right |
| <input type="checkbox"/> DIN left  |

☐ V8618 (choose mortar-tight hinge pockets if foaming on site)☐ Standard butt hinge radius cornered 102x76x3☐ BTV:

- |  |
|--|
| <input type="checkbox"/> BTV10200              |
| <input type="checkbox"/> BTV10205 (inox 304)   |
| <input type="checkbox"/> BTV10210 (inox 316ti) |

☐ BVX (3D):

- |  |
|--|
| <input type="checkbox"/> BVX11000              |
| <input type="checkbox"/> BVX11005 (inox 304)   |
| <input type="checkbox"/> BVX11010 (inox 316ti) |
| <input type="checkbox"/> ...                   |

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☐ for concealed hinges (3D):

- ☐ TECTUS (note architrave width)  
☐ Pivota® (note architrave width)

☐ ...

Further accessories: Provision for

- ☐ Hinge side security  
☐ Electrical door opener (note architrave width)  
☐ Cable loop  
☐ Magnetic contact  
☐ Multi-point lock  
☐ Bolt switch contact  
☐ Blocking device  
☐ Door closer: ☐ overhead (note architrave width)  
☐ integrated  
☐ ...  
☐ Door gap security  
☐ Timber infill: ☐ standard mounting support  
☐ long mounting support (from weight of 25 kg)

☐ Glass infill:

Glass strength (provision):

- ☐ 6 mm  
☐ ... mm

Glazing beads (around 3 sides):

- ☐ Aluminium glazing bead (standard)  
☐ GL 45 (standard)  
☐ GL 90  
☐ MBB steel glazing bead  
☐ Tube glazing bead: ☐ single (standard, horizontal strips throughout)  
☐ flush with architrave  
☐ welded as framework  
☐ flush with architrave

☐ ...

Further specifications:

- ☐ Snap-off transportation guards (standard for powder coated frames)  
☐ Potential equalisation (earthing)  
☐ Radiation protection: ☐ partial lead lining (minimum thickness 1.25 mm)  
☐ full lead lining (minimum thickness 1.25 mm)  
☐ Provision for Küffner Bi-fold door (for flush closing doors only)  
☐ ...

**Notes**

- Installation should be carried out by experienced personnel!
- For two part split frames we recommend intermittent foaming in the area of the hinge pockets.
- Colour deviations in powder coating, in particular in metallic paints, between elements powder coated in the same colour can occur. These are due to the different subsurfaces and no liability can be derived.

**Recommendations:**

- Use 3D hinge pockets and stainless steel striking plate with flush closing door leaves.
- Use 3D hinge pockets for highly frequented or heavy doors.
- For stud walls with a width >1000 mm, choose a material strength of 2 mm (high rigidity).
- For brick walls choose a frame receiving opening 3-5mm larger than the actual requirement (tolerance compensation).
- Seal any gaps occurring between the wall and the frame with acrylic.

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## **BOS Tender Specifications**

### **LEED- und DGNB Criteria:**

BOS Best Of Steel combines frame design with sustainable building. BOS steel frames in various designs can be found in the product databank of [greenbuildingproducts.eu](http://greenbuildingproducts.eu), which have been evaluated according to LEED and DGNB criteria.

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