

## BOS Tender Specifications

Please complete the text to suit your requirements.

Further information regarding tender specifications:

- The basics for steel frames (see BOS Compendium)

### asepticDOOR: The anti-bacterial door system

An entire element with test certificate from the Berlin Search Care GmbH Hygiene Institute

PEFC: 70% PEFC certified NC-PEFC/COC-000018

### Four partners – one solution

Steel frame	BOS Best Of Steel
Door handle	HÄFELE
Door leaf	JELD-WEN
Door surface	RESOPAL® + HIPERCARE®

Verifiable:

- good anti-bacterial effect on all surfaces
- cleaning and disinfectant compatibility
- surfaces can be cleaned quickly and easily
- advisable for hospital hygiene and infection prevention

### BOS 2 part wrap around frame as block profile for almost all wall types, encompassing the wall

based on following technical data:

Amount:	...
BOS profile:	<input type="checkbox"/> 15ZBud (rebated closing door leaf and single rebate) <input type="checkbox"/> 15ZBsd (flush closing door leaf and single rebate)
Design:	2 part split single leaf
Material:	anti-bacterial powder coating, silk gloss <input type="checkbox"/> RAL 9010 <input type="checkbox"/> RAL ...
Sheet thickness:	<input type="checkbox"/> 1.5 mm <input type="checkbox"/> 2.0 mm
Measurements:	
Structural wall measurement:	<input type="checkbox"/> ... x ... mm (maximum 1260 x 2135 mm)
Rebate measurements:	<input type="checkbox"/> ... x ... mm (maximum 1216 x 2108 mm)
Receiving opening:	<input type="checkbox"/> ... mm (minimum 150 mm)
Total depth frame:	<input type="checkbox"/> 180 mm
	<input type="checkbox"/> ... mm
Architrave front / back:	<input type="checkbox"/> 30 / 45 mm
	<input type="checkbox"/> ... / ... mm
Backbend front / back:	<input type="checkbox"/> 15 / 15 mm
	<input type="checkbox"/> ... / ... mm
Rebate width:	15 mm
Rebate depth:	
<input type="checkbox"/> 28,5 mm, closing level	<input type="checkbox"/> 4,5 mm (standard for rebated door leaf)
<input type="checkbox"/> 46,5 mm, closing level	<input type="checkbox"/> 17 mm (standard for flush door leaf)
<input type="checkbox"/> ... mm, closing level	... mm

Subject to technical modifications and errors.

**BOS Tender Specifications**

- Handle height:                    ☐ 1050            mm  
   ☐ 850             mm  
   ☐ ...              mm
- Stainless steel striking plate: ☐ Protect & Clean (flush and rebated)  
   ☐ Protect & Clean with latch adjustment (flush)
- Metre mark:                      pre-punched
- Foundation bedding:           ☐ 0                mm  
   ☐ 30             mm  
   ☐ ...             mm
- Seal:                                TPE hollow chamber seal
- Anchor:                          BOS levelling anchor
- For on site foaming (please see Notes):  
   ☐ slotted holes in the seal groove
- Hinge pockets:                 2 pieces  
   ☐ DIN right  
   ☐ DIN left
- ☐ BVX11000-3D  
☐ Standard butt hinge radius cornered 102x76x3
- 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)

**Notes:**

- Installation should be carried out by experienced personnel!
- For 2 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:**

- 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.

**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.

Architect Consulting Service: [architekten@BestOfSteel.de](mailto:architekten@BestOfSteel.de)

## BOS Tender Specifications

### JELD-WEN Door Leaf Optima 30

Door leaf with measurements according to DIN 18101:

Surface:	Resopal 0,8 mm Hipercare, according to door range
Core:	Climate class II, tubular chipboard inlay
Door leaf:	40 mm
Lipping:	Lipping 3 mm, climate class II, door thickness approx. 39 mm - from HPL 0,5 mm
Framework:	Concealed edge TS 40-54 mm wood/ wood material 3 sides
Reinforcement:	Stress group "M"
Edge:	Edge coating on 3 sides (as surface) within JELD-WEN edge range
Rebate:	Standard rebate 13,0 x 25,5 mm, 3 sided
Lock:	PZ lock, class 4, stainless steel with whisper latch
Hinges:	2, stainless steel surface [ ] VX 7939/160 (rebated door leaf) [ ] VX 7929/160 (flush door leaf)
Handle:	Häfele handle, U form, PZ rosette, stainless steel Alasept coating

Jeld-Wen combines components with additional door features such as fire, smoke and sound protection as well as wetroom suitability, radiation protection and many other features.