

## SAMPLE TENDER SPECIFICATION TEXTS

### Masonry works with TRIQBRIQ wall system WS15

#### Preliminary remarks

The German VOB Part C, ATV DIN 18334 "Carpentry and timber construction works" applies. The TRIQBRIQ construction site manual is the basis of execution (current version: [triqbriq.de/downloads](https://triqbriq.de/downloads)).

The solid timber interior walls shall be erected using the TRIQBRIQ wall system WS15 (interior wall system) by TRIQBRIQ, on which the execution planning and this tender are based.

The system is based on the solid timber blocks WS15B25 and WS15B50 (height 25 cm, depth 15 cm, lengths 25 and 50 cm). The blocks are laid in stretcher bond and connected glue-free exclusively by tenons and beech wood dowels – fully demountable and reusable without residues. Corner joints are butt-jointed and connected with angle brackets and/or screws; lintel elements made of structural timber (KVH) or glulam (BSH) are recommended for spanning openings. Waste-free delivery on pallets with returnable lashing straps.

Dowels are included in the scope of delivery; the locking tool is available for rent for the duration of the construction project (driven by a compressor to be provided on site). Moisture protection during construction is the contractor's responsibility (DIN 68800). Details on block storage and rental of the locking tools are set out in the construction site manual.

'...' = to be completed project-specifically by the planner. (Contingency item) = execution only upon separate instruction by the client.

Building physics characteristics of the system are available in the download portal: <https://triqbriq.de/downloads>

#### 1. Preparation and anchoring

##### Item 1.10 Levelling/bedding course, grout concrete, for TRIQBRIQ WS15-wall, d=15 cm

Provide a levelling course of grout concrete on the substrate as a plane, level bearing for the solid timber wall.

Purpose: height compensation; plane level in longitudinal and transverse direction; compensation of substrate unevenness.

Width: 15 cm

Thickness: min. 1 cm, max. 3 cm

Quantity: '...' m UP: ..... TP: .....

**Item 1.20 Horizontal damp-proof course, for TRIQBRIQ WS15-wall, w=15 cm (contingency item)**

*(Note: The damp-proof course shall be designed and specified project-specifically.)*

Install a horizontal damp-proof course as waterproofing against capillary rising damp in accordance with DIN 18533.

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Purpose:          | protection of the solid timber wall against rising damp               |
| Material:         | '...' (acc. to DIN 18533, to be specified by the specialist designer) |
| Width:            | 15 cm                                                                 |
| Quantity: '...' m | UP: ..... TP: .....                                                   |

**Item 1.30 Acoustic decoupling strip, for TRIQBRIQ WS15-wall, w=15 cm (contingency item)**

*(Note: Design and material selection by the responsible specialist designer; to be planned and specified project-specifically.)*

Lay a load-bearing, settlement-resistant insulation strip beneath the vertical, load-bearing timbers of the TRIQBRIQ wall system.

|                      |                                         |
|----------------------|-----------------------------------------|
| Purpose:             | acoustic decoupling wall/floor slab     |
| Material/properties: | as specified by the specialist designer |
| Width:               | 15 cm                                   |
| Location:            | '...'                                   |
| Quantity: '...' m    | UP: ..... TP: .....                     |

**2. Walls TRIQBRIQ wall system WS15**

### Item 2.10 Internal wall, TRIQBRIQ WS15, d=15 cm

Construct internal wall of solid timber blocks of the TRIQBRIQ wall system WS15 in stretcher bond, glue-free connection by tenons and beech wood dowels.

Scope of work:

- laying of the blocks in stretcher bond, top of wall level
- top course without tenons (blocks orderable tenon-free; plane wall head)
- dowelling (2 beech wood dowels per block), flush with the wall surface
- corner joints butt-jointed, connected with angle brackets and/or screws
- for non-load-bearing walls: decoupled connection to the floor slab at the wall head (accommodating slab deflection, without load transfer)
- forming of openings up to 2.5 m<sup>2</sup> individual size (measured over)
- connection to existing components incl. movement joint
- cutting and fitting pieces; length/height adjustment with timber planks
- temporary bracing by raking shores incl. provision
- connection and fixing means as per structural requirements (e.g. steel angles, tie anchors)

Purpose: Innenwand

Load-bearing function: '...' (load-bearing / non-load-bearing); load-bearing use only with separate verification by the manufacturer

System: TRIQBRIQ wall system WS15

Blocks: WS15B50 (full), WS15B25 (half)

Consumption: 8 pcs WS15B50 per m<sup>2</sup> wall area; plus 2 dowels per block

Material: softwood, glue-free

Wall thickness: 15 cm

Measurement: m<sup>2</sup> wall area; openings up to 2.5 m<sup>2</sup> individual size are measured over (ATV DIN 18334, section 5)

Quantity: '...' m<sup>2</sup> UP: ..... TP: .....

### Item 2.20 Gable slopes, TRIQBRIQ WS15, d=15 cm

Form gable slopes on internal walls in the attic storey by angled cutting of the solid timber blocks.

Purpose: adaptation of the wall to the roof pitch

Execution: angled cutting on site, roof pitch as per design

Wall thickness: 15 cm

Location: attic storey

Quantity: '...' m UP: ..... TP: .....