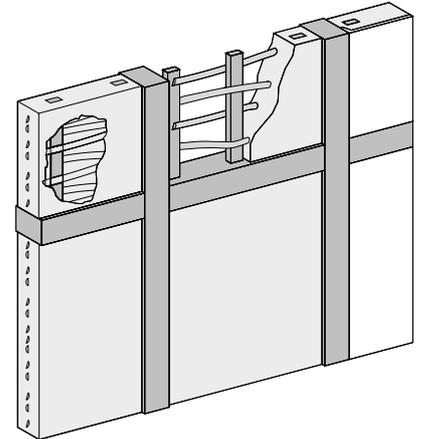


## Oak stakes, willow rods 30.001, 30.002, 31.001



- Historically authentic
- Flexible and perfect for craftsmanship



- Historically authentic
- Stable and weather resistant

Sawn oak battens for lattices in infill sections or slatted ceilings and as a substructure for wattle. The traditional clay infilling techniques are applied for conservation purposes. They are often also more practical than masonry, e.g. where there are very irregular sections or low beams. The oak wood is hard and durable.

Split willow rods for wattle in timber-frame infills. The traditional clay infill techniques are used for historical building conservation and restoration. These are often not only more practical than masonry but also a lot of fun. The original way of working is creative and satisfying; the naked timber frame slowly becomes a house. The semi-circular cross-section makes the rods flexible and elastic.

## Oak stakes, willow rods

### 30.001, 30.002, 31.001

**Field of application** Oak stakes and willow rods for timber-frame restoration and preservation of historical buildings

#### Composition

Sawn oak stakes 30.001: Construction timber from debarked trunks, sharp-edged or with rough edges, including pieces with some sapwood

Batten dimensions approx. 26 x 60 mm.

Oak stakes, bevelled 30.002: Construction timber from debarked trunks, polygonal cross-section to facilitate weaving and winding.

Batten dimensions approx. 26 x 60 mm.

Willow rods: Riven willow spars with a semi-circular or quadrant-shaped cross-section. Thickness up to approx. 2.5 cm.

#### Supply form

Oak stakes: loose or bundled, length approx. 4.0 m, shorter sections also available

Willow rods: bundle of 40 rods, length approx. 2.70 m

**Storage** Store in a dry and well-ventilated place, not under plastic. Protect against moisture and condensation during transport and storage.

#### Material needs

Oak stakes: for stake lattices, approx. 10-12 metre run/m<sup>2</sup> of infill area, for wattle approx. 4 metre run/m<sup>2</sup> of infill area.

For slatted timber ceilings approx. 10-12 metre run/m<sup>2</sup> of ceiling panel area.

Willow rods: for wattle, 1 bundle for approx. 3-4 m<sup>2</sup> of infill area.

#### Processing

Roughly clean stakes of bark remains and bast if necessary. Sapwood areas must not be used. Cut to length with a hand saw, jigsaw or circular saw. Sharpen the stakes to a point on all four sides with an axe or suitable power saw (thickness at tip 10 mm).

The stakes must be clamped precisely and firmly in the grooves in the timber-frame beams or the ceiling by knocking in with an axe or hammer.

The willow rods are cut to length with secateurs or similar and woven tightly over 3 stakes, leaving a gap of approx. 2-3 cm in length between the rods. The willow rods do not usually have to be soaked. Exceptions may be made in the case of infills with stakes that are very close together.