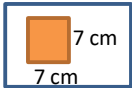

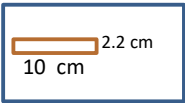



## TECHNICAL SPECIFICATIONS OF WOODEN POLES AND PLATES

s/n	Items name	Item Description					Comments
1	Wooden Pole 7x7x300 cm Type: Sawn wood	<p><b>Timber Specifications:</b></p> <p><b>Dimensions:</b> 7x7 cm or more (section size)</p> <p><b>Length of pole:</b> 300 cm (<math>\pm 3</math> cm in length only)</p> <p><b>Color:</b> white or brown.</p> <p><b>Quality:</b> hard quality, Heartwood</p> <p><b>Treatment:</b> the wood must be certificated that was treated all parts of each pole against the termite and insects; chemicals used for treatment must pose no risk to human health.</p> <p><b>Moisture Level:</b> dry as much as possible with moisture level (if any) must be between 9% to 15%.</p> <p><b>Shake, Cracks:</b> Free of crack as much as possible, with accepted percentage of cracks per bundle (196pcs almost), according to the details in Annex (A)</p>					
2	Wooden Plate 10x2.2x300 cm Type: Sawn wood	<p><b>wooden plates:</b></p> <p><b>Dimensions:</b></p> <p>Plate width: 10 cm (<math>\pm 3</math> mm in width)</p> <p>Plate thickness: 2.2 cm (<math>\pm 1</math> mm in thickness)</p> <p>Plate length: 300 cm (<math>\pm 3</math> cm in length)</p> <p><b>Color:</b> white or brown.</p> <p><b>Quality:</b> hard quality</p> <p><b>Treatment:</b> the wood must be certificated that was treated all parts of each plate against the termite and insects; chemicals used for treatment must pose no risk to human health.</p> <p><b>Moisture Level:</b> dry as much as possible with moisture level (if any) must be between 9% to 15%.</p> <p><b>Shake, Cracks:</b> Free of crack as much as possible, with accepted percentage of cracks per bundle (500 -550 pcs almost), according to the details in Annex (A)</p>					

## Details of the accepted cracks

### of the wooden Poles & Plates (Sawn wood)

- Below specifications and tolerances limits will be applied on bundle by the inspection Company during receiving the qty of delivered timbers by the suppliers.

#### Notes:

- Bundle of poles contains 196 pcs almost ( $\pm 10$  pcs)
- Bundle of plates contains between 500 to 550 pcs almost.

#### ➤ Inspection Mechanism:

##### ❖ Firstly: Wooden Poles:

#### • Initially: the acceptable bundles

- 1- The acceptable bundle must contain 60% free of cracks, if more: **Rejected**.

e.g., if the bundle (196pcs) of poles contains 117 pcs or more free of cracks, then the bundle is considered accepted, if less, then the bundle will be rejected.

- 2- **Minor cracks:** Presence of minor surface cracks (i.e. lattice cracks) is considered acceptable.

- 3- **Shake:** Allowable limit 3.5 cm (1/2 thickness)

- **Acceptable cracks** in the 40% (remaining in bundle) should be according to the following tolerance range:

- a. **End Split:** Longest split, 20 cm at each end.

- b. **Dimensions of cracks in section of each pole 7x7 cm**

**Width:** up to 5.0 mm in max

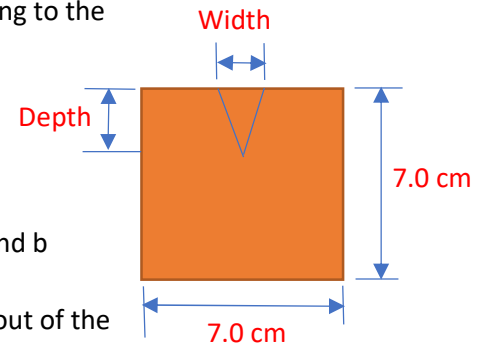
**depth:** up to 25.0 mm in max

- c. The cracked pole is considered rejected if the results of points a and b more than the tolerances limits.

- d. If the number of rejected cracked poles is less than or equal 25% out of the 40% then the bundle will be **Accepted**, if more: **Rejected**



Bundle of wooden poles

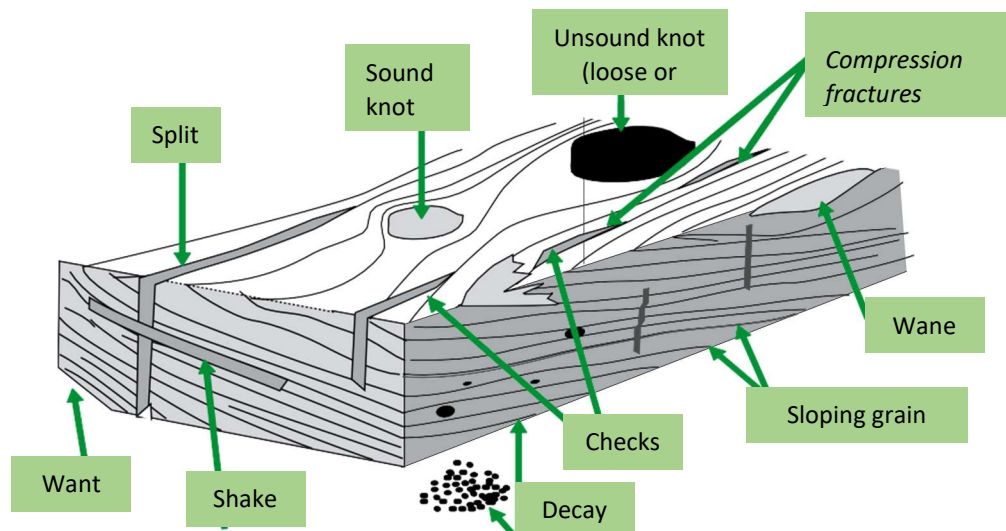


##### ❖ Secondly: Wooden Plates:

#### ❖ Initially: the acceptable bundles

- 1- The acceptable bundle must be 96% free of cracks per bundle, if more: **Rejected**
- 2- **Minor cracks:** Presence of minor surface cracks (i.e. lattice cracks) is considered acceptable.
- 3- Only the minor cracks are acceptable, any other cracks are considered unacceptable.
- 4- If the number of the rejected plates is more than 4% in each bundle, then the bundle is considered **Rejected**.

END



SAMPLE PHOTO  
FRAME OF A TEMPORARY SHELTER  
BUILT FROM WOODEN POLES AND PLATES

