


**SENA (National Learning Service)
PRODUCT TECHNICAL DATA SHEET**

Item	1
Product Name	Guadua 10 cm x 3.00 m
UNSPSC Code	11121608
Quantity	20
Unit of Measurement	Unit
Quality	GTC270 Guide of selection criteria for the commercialization of Guadua angustifolia Kunth NTC2500 Use of wood in construction NTC5525 Test Methods to determine the physical and mechanical properties of Guadua angustifolia Kunth NTC5727 Terminology applied to Guadua and its products NTC5407 Structural joints with Guadua angustifolia Kunth
Generalities	It is America's bamboo and considered native to Colombia, Venezuela and Ecuador. Has also been introduced to Mexico and other Central-American countries. It is a giant, thorny bamboo with erect culms that reaches heights of up to 25 meters and diameters between 10 and 25 centimeters. Its internodes have a wall thickness of up to 2 centimeters.
General Requirements	Guadua or bamboo will be used for outdoor tasks and in contact with the soil, for homes construction, as reinforcement in concrete or mud, for arts and crafts, or as protection against fire. In any of these tasks, it must be guaranteed that it is dry, free of breaking or cracks that may negatively impact its physical-mechanical properties.
Specific Requirements	Age of the Guadua must be appropriate for the development of construction tasks, i.e. over three years old; it must have been cured immediately after cutting, either in the tree, through leaching, heat and smoking it. As it is exposed to attack by insects and fungi, guadua must be subject to an additional treatment with chemical products, which will neither affect its tissue, nor have strong and unpleasant odors and which ultimately, will not alter the color of the bamboo.
Packaging and labeling	Will be delivered in units of 3 meters long, complete and without any breakage. Length: 3 meters, diameter: 10cm and thickness: 1,5cm; in addition proof of regulatory drying and treatment processes must be received.
Presentation	Lot must be homogeneous in dimensions, textures and appearance. Three-meter long poles.
Warranties	Products will be received upon authorization of the Technical Committee and in the amounts requested periodically. One-year warranty against defects. Delivered in the city of Villeta, Cundinamarca.
Image	
Brand offered by supplier	

<http://repository.lasalle.edu.co/bitstream/handle/10185/2177/T91.08%20F761g.pdf?sequence=1>
<https://guadubambucolombia.files.wordpress.com/2016/02/manual-de-construccion-con-bambu.pdf>

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