Main Wood Species Used in Greek Woodcraft: A Historical and Technological Study

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Abstract

This study investigates the main types of wood used in Greek woodcraft through a historical and technological perspective. Specifically, it analyses the physical, mechanical, and hygrometric properties of the most important native and imported wood species, as well as the factors influencing their workability and long-term durability. The research is based on bibliographic sources and technical data from the field of wood technology, aiming to document the suitability of each species for specific applications in traditional and modern woodcraft. Furthermore, it examines the evolution of wood processing technologies, the impact of environmental policies on the management of timber resources, and the contribution of new materials and techniques to the sustainable development of the sector. The findings highlight the importance of scientific understanding of wood properties as a critical factor determining the quality, durability, and aesthetic value of wooden constructions in the Greek context.

Keywords

Woodcraft, Wood species, Wood technology, Greek craftsmanship, Durability, Historical approach, Technological development.