INDUSTRIAL FLOORS AND HEAVY FRAMEWORK

Photo: Heavy duty framework© M.Vernay

Photo: Industrial flooring© Fotos593

DEFINITION AND ROLE

These products are structural elements designed to receive heavy loads and undergo significant stresses linked to the use of equipment and machines. These structures and floors are found in agricultural or industrial buildings that are mostly semi-open or partially protected. The floors can be used by transport machines and converted into storage and handling areas. Timber placed at ground level can be selected according to its viscoelasticity.

STRESSES

The timber is subject to multiple constraints, both climatic and mechanical. In the case of sheds that are more or less protected, the structural timber is subject to climatic vagaries. The floors are subject to the stresses of moving and static loads as well as horizontal forces linked to the movements of machines.

REQUIRED PROPERTIES

Timber that is highly resistant to biological degradation agents that has a high degree of hardness, and that benefits from abundant mechanical properties. Handling shocks and moving and static loads must not weaken the structure.

PRINCIPLES OF IMPLEMENTATION

A robust construction based on simple and powerful assembly systems. The wear parts of the floors (incl. wooden floors) must be interchangeable.

USAGE CLASS

Usage class 4 is required.