



Storage/Transportation Technology for Mobile Walls

General Information

The storage and transportation racks for the mobile structural components basically have to meet two contrasting requirements. On one hand, the structural components have to be attached to the framework as firmly as possible for transportation. On the other hand, the structural components have to be available in the framework loose and without restriction for quick and ergonomically reasonable setup sequence with a few movements.

In order to safely eliminate contact corrosion and ensure ideal drying after use on top of that, a professional storage and transportation technology ensure a rotation-proof positioning of the structural components with sufficient distance to each other. The storage containers should not exceed a total weight of app. 1.500 kg. This way, they can be handled with commercially available lifting devices (forklift, wheeled loader, lorry crane, etc.) without problems.

Dam Beam Storage Rack

The hot-galvanized steel framework consists of one pallet that can be completed with four pluggable stanchions to any height adjusted to the number of dam beams. The dam beams are stacked contact-free with rubber spacers on the so-called storage racks. The lashing straps reach around the dam beam package and across the pressure strips on top to ensure the according rotation-proof fixation of the dam beam on the storage rack. Loosening the two lashing straps and pulling out the four stanchions will make all dam beams of a storage rack freely accessible from all sides and ideally prepared for the setup.



Delivery of mobile parts



Storage rack components: Lashing strap, pressure strip, rubber spacers, base pallet frame and stanchion pipes



Dam beam storage rack lashed down and stacked on top of each other

IBS

Support Pallet / Storage Rack

Free standing supports are secured on hot-galvanized storage racks in vertical = setup-suitable position with a quick-release locking screw. The H stanchions are to be assembled or disassembled analogous to the dam beam pallets by means of plug connections. Because of the great heights, the supports will be positioned horizontally and with rear bracing in the storage technology.



Support latching



Demountable H stanchions



Vertical support storage



Horizontal support storage

Cleaning

The mobile components are cleaned with a flush of water in the storage technology at the intended place. The structural components are positioned in the storage technology so that the rinsing water can drain and dry unimpeded. A taking out and repeated stacking of the structural components is thus not required.

