

Märker Zement

Technical Data Sheet

Rapid hardening hydraulic road binder for base courses HRB E 4

Märker's base course binder HRB E 4 E is produced by a mix of optimally matched cement and selected additives like Jura limestone meal or blastfurnace slag meal.

Märker's base course binder HRB E 4 is used in road construction works for the production of construction material mixtures for hydraulically bound base layers underneath traffic areas. This base course binder is also appreciated for the implementation of soil solidification / soil stabilization or soil improvement works. The required amount of binder depends on geomechanical properties and needs to be assessed by suitability testing.

Composition : Portland cement clinker, further main constituents according to EN 197-1, sulfate agents to regulate the setting, inorganic mineral substances to improve the physical properties

Properties : Amelioration / Stabilization
Increase of load bearing capacity
High resistance to stresses caused by traffic circulation

Application : Production of:
Base layers
Bound base layers
Qualified soil improvement
Subsoil stabilization
Subgrade stabilization

Technical standard: Rapid hardening hydraulic road binder for base courses according to EN 13282-1

Quality control: in-house monitoring, and external quality control in accordance with EN 13282-1 by the Research Institute of the Cement Industry, Düsseldorf, Germany

Supply: bulk in silo trucks
Märker road binder for base courses is a **low-chromate cement** in accordance with REGULATION (EC) No 1907/2006

Storage: Road binder for base courses should be stored under suitable dry conditions protected from moisture and humidity

Regarding the handling of our products please refer to our current safety data sheets according to EC regulation No. 1907/2006. Any information, product description or reproduction of technical data given in this publication shall be provided without warranty and liability shall be excluded. The data presented in our data sheets are average values based on numerous measurements.

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