



EPOZEM

Mintepox® CH 504

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Mintepox CH 504 is a quartz aggregate mixed surface hardener for concrete floors. It is a powdered, ready-to-use mixture containing cement, pigments, and chemical additives.

USES

Factories, production plants, workshops
Warehouses, loading areas
Industrial facilities
Parking lots
Hangars, shipyards
Pedestrian paths

ADVANTAGES

- It has high abrasion and impact resistance. It is much more durable than concrete.
- It minimizes dusting.
- It is resistant to oil and dirt.
- Easy to clean.
- It is suitable for indoor and outdoor application.
- Resistant to various weather conditions, frost.
- It is very resistant to dissolution and flaking from salts.
- It is very easy and economical to apply.

TECHNICAL SPECIFICATIONS

Essay	One-component
View	Dust
Colour	Concrete Grey, Red, Green
Shelf life	12 Months
Storage conditions	12 Months Between +10°C and 35 °C
Packing	25 kg
Thickness	20-30 mm



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APP INFORMATION

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Application Temperature

Drying Time

< 90%

Between +5 and +30°C

1-7 Days

SURFACE PREPARATION

The surface to be applied is cleaned of substances such as dust, rust and dirt with a vacuum cleaner. Oil and grease are burned with special combustion apparatus. Free particles on the surface must be completely removed. Cracks must be repaired. The surface to be applied must have completed the cure. Existing cracks and repairs should be made with repair mortars before application. After that, concrete should be poured at least C25 standard and gauges should be made.

APPLICATION

After the gauge, when the concrete has set enough to print when pressed on it, Mintepox CH 504 can be sprinkled. According to the desired thickness, 2/3 of the estimated consumption should be sprinkled on the floor. The sprinkled powder should be spread on the floor with the help of a machine or squeegee. After the mortar absorbs the water of the concrete and thickens, the helicopter application should be started, and the dust should be integrated with the ground with the burnish. Then the remaining 1/3 part must be sprinkled on the ground. It should be polished again and passed over with a fine polishing knife until the desired shine is achieved.

Curing material should then be applied to prevent cracks from forming and improve the performance of the surface hardener. As the concrete gains strength (after 1-7 days depending on the air temperature), joints with a width of at least 4mm should be opened and filled with joint filler to prevent dusting.

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TOOL CLEANING

Clean all tools with paint thinner or other industrial cleaning materials after use. After curing, it can only be cleaned mechanically.

CONSUMPTION

Consumption for 2-3 mm thickness 4.5 - 6 kg/m²

ALERTS

Keep out of reach of children. (S 2)

Eyes and skin should be protected when working with all chemicals. (S 24/25)

Since this technical bulletin has been prepared by taking into account the general conditions, please get written information for the details that are not sufficient above. Otherwise, errors caused by lack of information do not impose responsibility on our company. This technical bulletin supersedes any previous bulletins relating to this product.