



# mr.Hardtop 500<sup>®</sup>

## High performance concrete surface hardener

Product code: 40.25. ...



### About product

**mr.HardTop 500<sup>®</sup>** is a hardener of cement based, high resistance, applied over the new poured concrete floor surface by scattering in powder form, durable to heavy mechanical loads.

### Usage fields

- ✓ New floors of apartments, industrial and trade buildings
- ✓ Cellars
- ✓ Mechanical atelier
- ✓ Garage and parking garage
- ✓ Warehouses
- ✓ Loading and unloading places
- ✓ The places where moving rubber wheels automobile

### Technical specifications

Material content	High performance filler and cement hardened with polymer
Colour	Concrete colour, grey, red, green and blue
Pressure resistance	80 N/mm <sup>2</sup>
Erosion resistance	6 cm <sup>2</sup> /50 mm <sup>2</sup>

Above mentioned numbers are given for + 23°C and 50% humidity. High temperature shortens the period and low temperature increases the period.

Colours	Product codes
Concrete colour (natural))	40.25.004
Grey	40.25.005
Red	40.25.006
Green	40.25.007
Blue	40.25.008

### Advantages:

- ✓ Easy applied to the new poured concrete floor
- ✓ It hardens by using water of applied concrete thanks to polymer in it and provides high mechanical resistance by completing with concrete.
- ✓ The surface that mr. HardTop 500<sup>®</sup> was applied is 3 times durable than normal concrete surface
- ✓ Surface hardened with mr. HardTop 500<sup>®</sup> is more durable against weather conditions, freezing, solving and peeling and for this reason it's ideal for pavement, roads and parking garage
- ✓ Surface cracking that seen at surface hardener with fine aggregate content will not happen thanks to aggregate granulometry, studied in scientific research.

### Application instructions

mr.Hardtop 500<sup>®</sup> is scattered to the new concrete surface that pressed and adjusted by levelling pole in powder form then smoothed and polished. Before pouring the material, straight tray is put in polishing apparatus and cement gathered on the surface is spread. 2/3 of the material is scattered over the first layer and the gathered material is spread equally. There is waiting for the material to absorb water of the concrete and its colour to be like wet surface. At this stage, material is pressed with the polish tray. Then rest of the material (1/3) is pressed with the polish tray. The work process is continued with polish knife for obtaining smooth surface. After obtaining wished surface appearance hardener material must be applied for perfect surface performance. You may apply to mr. Fix technical adviser in regard to appli-

cation of hardener material.

### Consumption

The material about 4-8 kg/ m<sup>2</sup> is used according to wanted concrete thickness and surface durability. Using of not less than 7 kg/ m<sup>2</sup> hardener is recommended.

### Cleaning of the tools

Used tools and equipments must be cleaned with water. mr. HardTop 500® may only be cleaned from the surface mechanically after it hardens.

### Storage conditions

Store in an unopened original packing, cool and dry place.

### Storage term

Best before is one year from manufacture date under correct storage conditions.

### Safety measures

During the application, uniform, protective



glove, glasses and mask according to safety rules must be used. For negative effects of raw material, do not touch the contents to the skin and eyes, otherwise you must wash the same region with water and soap well and if you swallow it consult to the doctor immediately. Don't put food product on the applied field. Keep out of reach of children.

For detailed information please refer to the Safety Information Form.

### Responsibility

Mr. Fix is only responsible for the quality of



the product and our company is not responsible for the usage out of written offers regarding where and how the product shall be used or dangerous usages. We ask you to demand product manual and contact with responsible persons regarding the necessary support.

**Net: 25 kg ±2%**