

# Mapecure® Hardener

Low viscous impregnation for concrete

## DESCRIPTION

**Mapecure® Hardener** is a colourless liquid that reduces permeability, increases strength and seals concrete constructions. **Mapecure Hardener** will penetrate micro pores and finer cracks in the concrete without leaving a film after treatment. The **Mapecure Hardener** treatment of the concrete structure will seal the surface and reduce water penetration. Consequently the deterioration process of concrete will be impeded, there will be less growth of algae and fungus, any miscolouring will be reduced and the durability of the construction is considerably increased.

## AREA OF USE

**Mapecure Hardener** treatment will:

- strengthen concrete surfaces
- reduce or totally eliminate problems of dusting from weaker concrete surfaces
- prevent water penetration
- fill smaller cracks and pores
- reduce need for regular maintenance
- stop growth of fungus and discoloration
- increase concrete durability

The concrete surface must be clean, free of particles and dry when treated. Ambient temperature at application time and the next 24 hours must be at least + 5°C.

## PROPERTIES

**Mapecure Hardener** is a low viscous liquid easily applicable with a roller, brush or by spraying. The concrete surface should be treated with **Mapecure Hardener** in two coatings. The second layer should be applied immediately after the first one has been absorbed into the substrate. If the surface contains a lot of smaller cracks, a third coating might be necessary.

The products harenig time is dependent on the actual concrete quality; it might take as long as three weeks.

## Manufacturer:

Mapei AS  
Vallsetvegen 6, 2120 Sagstua, Norway  
Tlf: +47 62 97 20 00 Fax: +47 62 97 20 99  
post@mapei.no  
www.mapei.com

**Mapecure® Hardener** treated floors/slabs can be walked on as soon as they are surface dry (1/2 to 1 hour).

## DOSAGE

**Mapecure® Hardener** is added in normal dosages from 0.1 to 0.3 liter pr m<sup>2</sup> pr coating.

## PACKAGING

**Mapecure® Hardener** is delivered in 25 litre cans.

## SAFETY INSTRUCTIONS

For health, safety and environmental information, see separate safety data sheet at [www.mapei.com](http://www.mapei.com)

## WARNING

*Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.*



TECHNICAL SPECIFICATIONS	
<b>Product specifications:</b>	
State:	Liquid
Colour:	Transparent
Viscosity:	Easy flowing < 15 mPa*S at 20°C
Solids content, %:	13.0 ± 1.3
Density, g/cm <sup>3</sup> :	1.10 ± 0.02
pH-value:	11 ± 1
Alkali content (Na <sub>2</sub> O-equiv.), %:	≤ 4.0
Chlorides, %:	≤ 0.05