

# Mapecure SP

## Film-forming curing compound in water emulsion for concrete

### WHERE TO USE

To protect fresh concrete from rapid water evaporation caused by wind or sunlight and to reduce surface cracking.

### Some application examples

**Mapecure SP** is especially recommended for protecting concrete structures such as:

- Industrial floors;
- Exterior paving (roads, parking lots);
- Airport runways;
- Renders;
- Dam faces;
- Bridges;
- Canals;
- Reservoirs.

### TECHNICAL CHARACTERISTICS

**Mapecure SP** is a white water emulsion of special resins which forms an efficient curing film on concrete.

**Mapecure SP** provides reliable protection against rapid evaporation of water in concrete, whether exposed to direct sunlight or under severe rapid drying conditions caused by wind, low humidity, or high ambient or concrete temperatures.

**Mapecure SP** offers the following advantages:

- Less surface dusting;
- Less plastic shrinkage cracking;
- Elimination of traditional protection methods, such as spraying water, wet burlap sacks, wet sand;
- Fast and easy application;
- Lower labour costs and more efficient job-site management.

### DIRECTIONS FOR USE

**Mapecure SP** should be applied to the surface of the concrete after bleeding water, if any, has disappeared. For industrial paving, **Mapecure SP** must be applied after the concrete has started to set. For concrete formwork **Mapecure SP** must be applied immediately after stripping.

### Preparing the product

- Carefully stir **Mapecure SP** before applying.
- Do not dilute **Mapecure SP**.

### Applying the product

Apply **Mapecure SP** in one spray coat with low pressure sprayer, or roller, in a thin and even layer.

TECHNICAL DATA (typical values)	
Product as it is:	Ready for use
Consistency:	Runny fluid
Colour:	White
Density at +20°C (kg/l):	1.00 ± 0.01
pH:	9 ~ 10
Specific action:	Concrete surface protection against rapid water evaporation
Brookfield viscosity at +23°C	< 50 mPa.s (spindle 1 - 50 rpm)
Application temperature:	+5°C ~ +35°C
Storage:	24 months in original sealed packaging. Protect from frost
Hazard classification according to EC1999/45:	irritant. Before using, refer to the "Safety Instruction for the preparation and installation" paragraph and the information on the packaging and safety data sheet.
Customs class:	2712 20 00

### Cleaning

Spray tools must be cleaned with water before **Mapecure SP** dries.

### COVERAGE

70 ~ 100 g/m<sup>2</sup>.

### PACKAGING

25 kg drums.

### STORAGE

Store in closed containers; protect from frost and exposure to direct sunlight at temperatures between +5°C and +30°C.

### SAFETY INSTRUCTION FOR THE PREPARATION AND INSTALLATION

**Mapecure SP** is irritant and may cause allergic reactions to those predisposed. Wear protective gloves and goggles when applying the product. In case of contact with eyes and skin, rinse immediately with plenty of water.

FOR PROFESSIONALS.

### WARNING

*Although the technical details and recommendations contained in this product report 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 applications; 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.*

**All relevant references of the product are available upon request**

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