

# MAPEPRIM SP

Two-component solvent-free primer



## WHERE TO USE

**Mapeprim SP** is a synthetic-resin-based primer which ensures perfect bonding with smoothing and levelling compounds and cementitious mortars on non-absorbent and difficult substrates.

### Some application examples

- For preparing smooth and compact cementitious floors and for levelling existing ceramic tile and natural stone surfaces when used with smoothing compounds, (e.g. **Ultraplan** or **Planolit**).
- Preparation of anhydrite, magnesium, and gypsum surfaces before smoothing or before laying ceramic tiles.
- Preparation of cast asphalt, wood, chipboard, metal sheeting, PVC, painted surfaces.

## TECHNICAL CHARACTERISTICS

**Mapeprim SP** is a primer consisting of two components (A+B). After accurate mixing, application to the substrate, and drying, **Mapeprim SP** hardens to a compact film resistant to water and ageing.

Since **Mapeprim SP** is dispersed in water, it therefore presents no inflammability problems and can be stored with no special measures taken.

## APPLICATION PROCEDURE

### Preparation of the substrate

The substrate must be dry, clean, free from oil, grease, paint residue, loose plaster and laitance. **Mapeprim SP** should not be applied when the substrate is damp or subject to rising damp.

### Preparation of the primer

**Mapeprim SP** is composed of two prepackaged components (A+B), of different colours (light blue and white), which must be mixed in equal proportions to obtain a homogeneous colour.

Use the primer within 3 hours of mixing.

### Applying the primer

**Mapeprim SP** can be applied with a brush, roller, rubber float, or smooth trowel in an amount varying from 100 to 200 g/m<sup>2</sup>, according to the degree of absorption and texture of the substrate.

To improve workability, **Mapeprim SP** can be diluted with approx. 5-10% water.

Before applying the smoothing compound or the mortar, wait until the primer has turned transparent but remains tacky.

Dependent on the type of substrate, temperature, humidity and ventilation on site, drying occurs in approx. 1-3 hours.

However, waiting longer than 24 hours is not recommended.



Application of Mapeprim SP

## CLEANING

Tools, containers and clothing must be washed immediately with clean water.

## COVERAGE

Coverage varies from 0.1 to 0.2 kg/m<sup>2</sup> depending on the porosity of the substrate.

## PACKAGING

4+4 kg and 2+2 kg drums.

## STORAGE

Mapeprim SP may be stored for 12 months in original, closed packaging.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

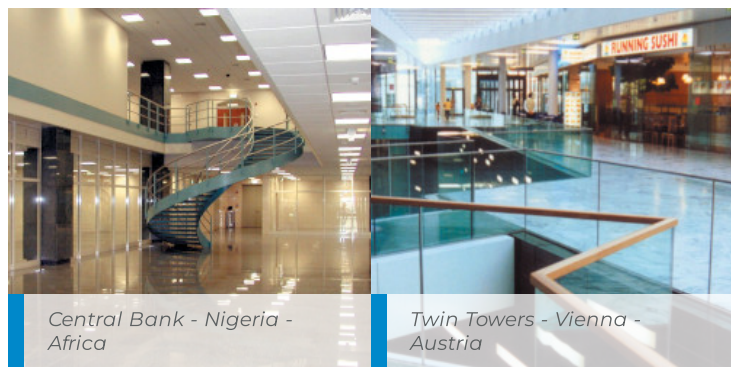
Mapeprim SP component A may irritate the skin and eyes and cause sensitisation in those subjects sensitive to such substances. When applying the product, we recommend the use of protective gloves and goggles and to take the usual precautions for handling chemical products. In case of contact with eyes or skin wash immediately with plenty of water and seek medical attention.

Mapeprim SP component A and B are hazardous for aquatic life. Do not dispose of these products in the environment. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)		
PRODUCT IDENTITY		
	Part A	Part B
Consistency:	fluid liquid	fluid liquid
Colour:	light blue	white
Density (g/cm <sup>3</sup> ):	1.2	1.03
pH:	7	10

Dry solids content (%):	61	41
Brookfield Viscosity (mPa·s):	19,000 (rpm 10 - rotor 6)	1,400 (rpm 10 - rotor 2)
APPLICATION DATA (at +23°C - 50% R.H.)		
Mix ratio:	part A : part B = 1 : 1	
Brookfield viscosity of mix (mPa·s):	8,000 (rotor 2 - rpm 10)	
Density of mix (kg/m <sup>3</sup> ):	1,100	
Pot life of mix:	approx 3 hours	
Permissible temperature at time of application:	from +5°C to +40°C	
Waiting time before applying the smoothing compound:	from 1 to 3 hours	
Time-limit for application of smoothing compound:	within 24 hours	



## 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.

Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.com](http://www.mapei.com)

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