



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/m², 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.

Cleaning

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

Mapeprim SP



Application of
Mapeprim SP



Central Bank -
Nigeria - Africa



Twin Towers -
Vienna - Austria

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

	Part A	Part B
Consistency:	fluid liquid	fluid liquid
Colour:	light blue	white
Density (g/cm³):	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)
Storage:	24 months in original, closed packaging	
Hazard classification according to EC 1999/45:	irritant none Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet	
Customs class:	3209 90 00	

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/m³):	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

COVERAGE

Coverage varies from 0.1 to 0.2 kg/m² depending on the porosity of the substrate.

PACKAGING

4+4 kg and 2+2 kg drums.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapeprim SP, part A, is irritating to eyes and skin, and may cause allergic reactions to those predisposed. Wear protective clothing, gloves and goggles; in case of contact with the eyes wash with plenty of water and seek medical advice.

Mapeprim SP, part A, is dangerous to aquatic organisms - avoid release to the environment. For further information refer to the Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

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.

**All relevant references
for the product are available
upon request and from
www.mapei.com**

**Mapeprim
SP**

