



Elastocolor Primer

Highly penetrative solvent-based consolidating primer for chalking and dusty substrates and as a curing agent for repair mortars



WHERE TO USE

- Fixing treatment for chalking and dusty substrates such as cementitious renders and concrete surfaces before painting with **Elastocolor Paint**.
- Anti-evaporation protection of fresh **Mapegrout** repair mortars, from rapid evaporation of water due to sun and wind.

Some application examples

- Impregnation of superficially and porous surfaces dusty substrates, by impregnation, of porous surfaces. For example: cementitious and lime based renders, asbestos cement and concrete blocks.
- Priming concrete surfaces repaired with products from the **Mapegrout** line before smoothing with **Elastocolor Rasante** or painting with **Elastocolor Paint**.
- Priming new concrete surfaces before smoothing with **Elastocolor Rasante** or painting with **Elastocolor Paint**.
- Protection of fresh render and repair mortar surfaces, from the rapid water evaporation, which especially on hot or windy days, can cause the formation of cracks in the plastic phase, before painting over with **Elastocolor**.

TECHNICAL CHARACTERISTICS

Elastocolor Primer is a ready-to-use fixative, based on synthetic resins in solvent, prepared according to a formula developed in the MAPEI Research Laboratories.

Elastocolor Primer easily penetrates into porous substrates and ensures excellent insulation and good adherence to the paint that will be applied.

If used as a anti-evaporation product on fresh repair mortar surfaces from the **Mapegrout** line and cementitious and lime based mortars, **Elastocolor Primer** does not have to be removed before protection with **Elastocolor Paint** because it does not interfere with the adhesion of the paint to the substrate.

When **Elastocolor Primer** is used as a fixative on cured surfaces, it can be painted over with **Elastocolor Paint** after 5-6 hours at +20°C. When **Elastocolor Primer** is used as anti-evaporation agent, 3 weeks must pass before it can be painted over.

Elastocolor Primer satisfies UNI 8657 and UNI 8658 concerning anti-evaporation products.

RECOMMENDATIONS

- Do not dilute **Elastocolor Primer** with solvents and water.
- Do not apply **Elastocolor Primer** on non-porous substrates.
- Do not apply **Elastocolor Primer** over **Mapelastico**.
- After its application, the substrate must not appear vitrified.
- Use the product at temperatures between +5°C and +35°C.

Elastocolor Primer



Church Santa Famiglia di Gesù - Lecce - Italy



Bridge Crostolo - Reggio Emilia - Italy



Bridge Krk - Krk Isle - Croatia

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	transparent
Density (g/cm³):	0.96
Viscosity Ford Cup Ø 4:	15"
Dry solids content (%):	10
Storage:	24 months in original packaging
Hazard classification according to EC 1999/45:	flammable, dangerous to the environment. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Directive 2004/42/EC:	VOC 730 g/l (maximum content)
Customs class:	3208 90 91
APPLICATION DATA OF ELASTOCOLOR PRIMER	
Drying time:	5-6 hours at +20°C
Waiting time before painting over:	5-6 hours at +20°C used as a fixative 3 weeks used as a curing agent
Application temperature range:	from +5°C to +35°C

- Do not apply **Elastocolor Primer** if rain is forecast.

APPLICATION PROCEDURE

- **Used as a fixative before painting**

Preparing the substrate

The surface to be treated with **Elastocolor Primer** must be perfectly clean and sound. Completely remove dirt, dust, grease, oils and efflorescence by sandblasting, hydro-sandblasting or simply with water under pressure.

Washing with hot water or steam is particularly recommended if oil or grease are present.

Wait until the substrate is completely dry.

Preparing the product

Elastocolor Primer is ready-to-use.

Applying the product

Elastocolor Primer is applied using conventional methods: by brush, roller or spray.

For good impregnation a single coat application is sufficient. The next coat of paint must be applied out when **Elastocolor Primer** is dry.

- **Used as a curing agent**

Preparing the surface

Before applying **Elastocolor Primer** the fresh mortar surface must be finished with a float until level and ensure a suitable weaving to directly receive the following protection with **Elastocolor Paint**.

Preparing the product

Elastocolor Primer is ready-to-use, therefore it should never be diluted with solvents.

Applying the product

Spray **Elastocolor Primer** evenly over the surface with a manual pump or compressed air immediately after the surface has been float finished.

Cleaning

Brushes, rollers and spraying equipment must be cleaned with white spirit before the product dries.

CONSUMPTION

Used as a fixative:

100-150 g/m² depending on the porosity of the substrate.

Used as a curing agent:

110-150 g/m².

PACKAGING

10 kg drums.

STORAGE

Elastocolor Primer, in a dry place in original packing, can be stored 24 months.

Elastocolor Primer is flammable. Store away from other material and in accordance with local regulations.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Elastocolor is flammable. Avoid naked flames, sparks and smoking when applying the product. During application, this product

may provoke a dry mouth and cause dizziness or drowsiness. Only use in a well ventilated area or use suitable breathing apparatus. In the case of illness, please seek medical attention.

Elastocolor Primer is hazardous to aquatic organisms – do not dispose of the product to the environment. Further information is available on the product 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**

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