



Elastocolor Rasante

Trowellable ready-to-use one-component fibre-reinforced elastomeric filling undercoat



WHERE TO USE

Intermediate filling coat for the **Elastocolor** cycle. **Elastocolor Rasante** can be applied as it is with a trowel or diluted 5 ÷ 10% with water and applied with a brush, fur roller, or porous sponge. The product improves the homogeneity of the substrate and the flexibility of the **Elastocolor** finishing.

Suitable for new or repaired renders, concrete and old plastic coats, even if cracked, as long as they are well bonded.

Some application examples

- Intermediate elastomeric filling smoothing compound which levels the roughness of the substrate before painting with **Elastomeric Paint**.
- Intermediate plastoelastic coat in which reinforcing nets can be embedded.
- Intermediate elastomeric coat that increases the total thickness of the **Elastocolor** cycle, increasing its overall elasticity.
- An “orange skin” texture can be achieved by applying **Elastocolor Rasante** with a fur roller. In this case **Elastocolor Rasante** must be diluted with 5-10% water.

TECHNICAL CHARACTERISTICS

Elastocolor Rasante is a hydro dispersed fibrous

intermediate undercoat, based on elastomeric acrylic emulsions, free of cements with permanent elasticity which creates a minimum thickness of 200/400 microns.

While drying, **Elastocolor Rasante** creates a non-woven type reinforcement that follows the expansions of the substrate.

Elastocolor Rasante can be reinforced with a special net in the presence of widespread cracks less than 1.0 mm thick.

RECOMMENDATIONS

- Do not use **Elastocolor Rasante** to waterproof horizontal surfaces such as terraces (use **Aquaflex** or **Mapelastic**).
- Do not use **Elastocolor Rasante** to waterproof surfaces that will to be permanently immersed in water such as water tanks, purification tanks, canals.
- Do not apply **Elastocolor Rasante** in the case of a rain forecast, or windy days.
- Use the product at temperatures between +5°C and +35°C and at R.H. not exceeding 85%.
- Do not dilute **Elastocolor Rasante** with solvents.

Elastocolor Rasante



Example of an application of Elastocolor Rasante with a porous sponge roller

- Do not apply **Elastocolor Rasante** on surfaces subject to light foot traffic.
- Do not apply **Elastocolor Rasante** on dehumidifying renders, rich in lime or very porous and crumbly.
- Do not apply **Elastocolor Rasante** on cracks wider than 1.0 mm.
- Do not pre-treat the substrate with **Elastocolor Primer** or **Malech** in the presence of old paint or if the surface is not porous.

APPLICATION PROCEDURE

Preparing the substrate

The surface to be protected with **Elastocolor Rasante** must be perfectly clean and solid and previously treated with **Elastocolor Primer** or **Malech**.

Before applying **Elastocolor Primer**, level the substrate and repair any damaged concrete areas with the special shrinkage controlled mortars from the MAPEI line.

Remove all dirt, dust, grease, oils, efflorescence, moss and weeds that prevent **Elastocolor Rasante** from anchoring to the substrate.

The choice of cleaning method for old surfaces depends on the type of dirt. Manually cleaning with cold water is enough.

Cleaning with hot water or steam is especially suitable when in presence of oil or grease.

Sandblasting can also be used. If the surface is not dirty, a good cleaning with a broomcorn brush and dusting with compressed air is sufficient.

Deep cracks with widths greater than 1.0 mm must be enlarged with a suitable mechanical tool, cleaned, treated with **Elastocolor Primer** and sealed with a sealant that can be painted over with water based products before applying two coats of **Elastocolor Rasante** reinforced with a special net.

Preparing the product

The product is ready-to-use as a smoothing compound if applied with a metal float.

To increase the filling capability of the product, up to 30% sand, diameter size 0.1 ÷ 0.3, can be added.

To make application on continuous surfaces easier, use a brush or roller. The product must be diluted beforehand with 5÷10% water.

Usually a single coat of **Elastocolor Rasante** is enough. If more coats are needed, wait at least 24 hours between each coat.

Cleaning

Brushes, rollers or trowels must be cleaned with water before **Elastocolor Rasante** dries.

CONSUMPTION

- **Practical consumption:**
400-700 g/m² per coat.
- **Theoretical yield:**
1350 g/m² in two coats per 0.5 mm of dry thickness.

PACKAGING

20 kg drums.

STORAGE

24 months in original packaging in a dry place at a temperature between +5°C and +30°C.

WARNING

N.B. - 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**

TECHNICAL DATA (typical values)

In compliance with:

-UNI 8202 - DIN 53504**PRODUCT IDENTITY**

Consistency:	pasty
Colour:	white or requested colours that can be obtained with ColorMap®
Specific gravity (kg/l):	1.35
Dry solid content (%):	67
Storage:	24 months in original packing
Hazard classification according to EC 99/45:	none
Customs class:	3209 10 00

APPLICATION DATA

Ready-to-use product for brush/roller application dilute with 5÷10% water waiting time between coats:	24-48 hours
Application temperature range:	from +5°C to +35°C

FINAL PERFORMANCES

Resistance to chemical attack:	excellent to rain, salinity and chemical agents in the atmosphere
Elongation % (UNI 8202) on samples prepared according to DIN 53504 on 0.5 mm dry thicknesses (%): – after 7 days at +23°C and 50% R.H.: – after 21 days at +23°C and 50% R.H.: – after 21 days at +23°C and 50% R.H. + 7 days at +50°C: – after 21 days at +23°C and 50% R.H. + 7 days at –15°C: – after 21 days at +23°C + 7 days at +50°C + 7 days at –15°C:	 250 260 220 240 180
Load break (MPa): – after 7 days at +23°C and 50% R.H.: – after 21 days at +23°C and 50% R.H.: – after 21 days at +23°C and 50% R.H. + 7 days at +50°C: – after 21 days at +23°C and 50% R.H. + 7 at –15°C: – after 21 days at +23°C + 7 days at +50°C + 7 days at –15°C:	 1.6 1.6 1.6 1.6 1.9
Resistance to ageing:	excellent
Maximum temperature when in use:	+80°C
Vapour diffusion factor μ:	1340
Moisture resistance factor Sd:	0.67



BUILDING THE FUTURE

MAPEI GROUP CERTIFIED MANAGEMENT SYSTEMS (Quality, Environment and Safety)



CERTIQUALITY
No. 250/2



ISO 14001
Mediglia, Italy plant
CERTIQUALITY No.1280/1



EMAS
VERIFIED ENVIRONMENTAL MANAGEMENT
PLANT OF MEDIGLIA



OHSAS 18001
CERTIFIED BY CERTIQUALITY
MAPEI PLANT IN
ROBBIANO DI MEDIGLIA (MI)
Certificate No. 3586
MAPEI



CERTIQUALITY
No. 3358



ITC
No. 00 0083 SJ

MAPEI S.p.A. - ITALY

MAPEI FAR EAST Pte Ltd

MAPEI Sro - CZECH REP.



CERTIQUALITY
No. 1517/1

MAPEI FRANCE



DNV
No. 94-OSL-AQ-6236

RESCON MAPEI AS - NORWAY



EMAS
VERIFIED ENVIRONMENTAL MANAGEMENT
PLANT OF SAGSTUA

MAPEI KFT. - HUNGARY



DNV
No. 12026-2002
AQ-BUD-TGA

MAPEI INC - CANADA



QMI
No. 004157

MAPEI ARGENTINA S.A.



IRAM
No. AR-QS-688

www.mapei.com