

Technical data sheet

esatec P 1

esatec P1 is a water dispersion of a polymer with film-forming and cross-linking effects.

Its particular monomeric composition allows to obtain a film with fairly elastic properties and high surface hardness.

esatec P1 is a fluid latex with self leveling characteristics: thanks to this feature it can be used alone for substrate applications (*primer*).

The content of emulsifiers in **esatec P1** formulation makes it compatible with all common building binders (lime, gypsum, cement and hydraulic lime)

Chemico-physical characteristics

Appearance:	opalescent liquid
Solids content:	30 ± 2 %
pH (20°C):	7.5 - 9.0

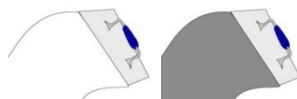
Typical features of the film

MFFT Bar: (ASTM D2354)	± 5°C
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Main applications and dosages



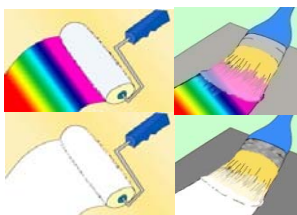
Latex for CTA:
15 - 20%



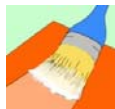
Latex for skim coat:
10-15%



Primer:
as it is



Synthetic resins:
paste skim coatings,
decoratives paints for interior
and exterior application
4-15%



Reinforcing latex:
as it is

Application properties

esatec P1 can be used alone as a single-component primers with water-repellent and reinforcing proprieties, or as a bicomponent latex adhesive for powder formulations (tile adhesive, thermal coat, shavings).

esatec P1 has a high compatibility with buildings products and it can be used as a liquid resin in all most common paste products.

esatec P1 is suitable for all adsorbent supports, in particular for the problematic ones (ex. micro cellular concrete, adsorbent brick, clay solid bricks and ruined walls): it's able to reinforce the substrate and to improve the anchorage of subsequent applications.

esatec P1 is not indicated for smooth and non-absorbent surfaces (ex. metal, plastic, glass, gres).

Primers like **esatec P1** are also able to improve the tone of the colored paint subsequently applied.

After complete drying the film obtained has a glossy finish and a non-sticky surface. Drying times depend on humidity, temperature and the thickness of the film.



Lamberti spa chemical specialties



The information and the data reported here are based on our knowledge and on the results of the tests done with accuracy and objectivity.