

Product's description Double-component, dust-proof, strengthening, neutralizing, transparent impregnating paint.

Fondepox Primer is an epoxy-polyamide resin based impregnating paint in a thinner mixture, having a high penetrating power and balanced evaporation curve, providing the product with a strong consolidating power with dust-proof action, resistance to industrial and domestic detergents, to caustic soda thinned with oil- and fuel-proof products.

Practical advice Suitable for floors and walls, as primer for epoxy (Atriaplastic P), polyurethane coatings (Finilac no slip – Finilac lucido), as dust-proof, strengthening, fair-faced finish.

WARNING: for a perfect adhesion and penetrating action, surfaces must be completely seasoned, dry, with residual humidity below 4%.

Technical features

Aspect		Transparent
Colour		Straw-coloured
Density Kg/Lt		0,95 ± 0,05
Viscosity 25°C		30 sec. ford 4
Solid content by volume %		50 ± 2 %
Theoretical spreading rate Sq.m./l – gr/m ²		10 Sq.m./l – 95 g/m ²
Typical thickness humid/dry micron		100 humid/ 50 dry
Mixing ratio Base/Hardener		base = 50 hardener = 50
Pot Life		12 hours
Thinner		Not necessary. DEP 310 or DNT 320 nitro thinner
Painting method	Brush	Unthinned
	Roller	Unthinned
Spray		0 – 5% thinning
		Nozzle's diameter 1,3 – 1,5 mm
		Air Pressure 4 – 5 kg/ m ² (atm.)
	Airless Spray	Unthinned
		Nozzle's diameter 0,3 – 0,4 mm
		Compression Ratio 30:1
		Exit Pressure 120 – 150 kg/ m ² (atm.)
Drying times 25°C	Untouched :	6 hours at 10 °C 12 hours
	Dry to the touch :	12 hours at 10 °C 24 hours
	Absolutely dry :	24 hours at 10 °C 48 hours
Min./ Max. over-coating times		2 hours - 24 hours max.
Flash point		28 °C
Shelf life		24 months
Standard package		Kg 20 - kg 5

Notes

Keep the product in a temperate place, protected from heat sources and flames or sparks producing units.

Application instructions

Preparation of cement or concrete surfaces:

Make sure that the substrate has seasoned for at least 28 days, that it is completely dry and damp-free. Remove chalking parts and deposits. Wash off with proper thinners or alkaline solutions any trace of oil or grease. Allow drying.

If necessary, wash the surface with a 5 – 10% water thinned muriatic acid solution, to remove any trace of surface carbonation, rinse out with clean water and let dry. Remove any trace of dust.

Apply one or two coats of **Fondepox primer** according to substrate porosity and chalking. To have an estimate of the spreading rate, perform a practical operating test. In fact, it notably changes according to the porosity of the substrate to be treated.

Application notes:

Protect the treated surfaces, especially external surfaces, from rain and wind for the first 48 hrs. Do not apply at temperatures below +5 °C or above +40 °C, with humidity above 75%.

Do not apply over surfaces exposed to the direct sunlight. Wash tools, after use with DEP 310 epoxy or DNT 320 nitro thinner.

Do not waste residues in rivers, sewer nor in cultivated fields.

For a proper application, the mixture temperature must be above 15 °C.

Before application, wait until the hardener reacts with the base (induction time: 30 - 60 minutes).

It is recommended for

Internal and external surfaces in direct and constant contact with fresh or salt water, fuels, mineral and vegetable oils, thinned acid and alkali solutions.

It is not recommended for finishes

Constant immersion, if uncoated.

Recommended intermediates and finishes

Finepox., Atriaplastic, Atriaplastic P, Epofond, Idrosem Wp.

Safety precautions

Inflammable product. Respect safety norms and labelling, according to standards in force.
For any further information, see the technical data.


Tender Item

Application of **Fondepox Primer**, strengthening, dust-proof, epoxy-polyamide resin based impregnating paint in high penetrating thinner solution, to be applied over mineral walls, with a minimum consumption of 0,100 kg/Sq.m. per coat, excluded practical operating loss.

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