

## Product's description

### Double-component, epoxy-polyamide paint for industrial pavings.

Atriaplastic P is an epoxy-polyamide resins based topcoat, with lightfast pigmentation.

Atriaplastic P is hard and elastic, after drying, with an excellent abrasability, strong filling power, easy to apply, highly resistant to oil, Diesel oil, kerosene, alkali acid solutions, vegetable oils, domestic and industrial detergents.

## Practical advice

Suitable for concrete industrial pavings, iron, galvanized iron of industrial sheds used for food transformation, electronic workings, toilettes' floorings, operating theatres, dairy-farmings, pasta factories, refrigerating rooms, slaughter houses and for any other place, requiring an easy cleaning, disinfecting and water-tightness.

Aspect		Glossy
Color		See RAL color table
Density Kg/Lt.		1,40 ± 0,05
Viscosity 25°C		2000 – 3000 mpa s
Solid content by volume %		55 ± 2%
Theoretical spreading rate Sq.m/l – gr/m <sup>2</sup>		3,7 Sq.m./l or 0,380 kg/Sq.m. for two coats
Typical thickness humid/dry micron		150 dry – 270 humid
Mixing ratio Base/Hardener		Base 85 – Hardener B 15 (by weight)
Pot Life		8 hours at 20 °C
Thinner		Epoxy thinner DEP 310
Painting method	Brush	5% thinning first and second coat
	Short haired roller	2% thinning or unthinned
	Spray	Not suitable
	Airless Spray	5 – 8% thinning by weight
		Nozzle's diameter 0,400 – 0,600 mm
		Compression Ratio 30:1
		Exit pressure 160 – 170 pa (atm.)
Drying times 25°C	Untouched :	2 hours
	Dry to the touch :	6 hours
	Absolutely dry :	24 hours
Min./ Max. over-application times		10 hours /max 48 hours
Flash point		26 °C
Heat resistance		120 °C outdoor – 50 °C immersion
Shelf life		24 months
Standard package		Kg 20

## Notes

Keep in a cool and dry place, with the tins tightly closed and protected from frost.

## Application instructions

### Preparation of the surfaces

New iron: brush off any rust and working flakings, or sand, degrease and apply a double-component primer Primepox (brushing), or a cold galvaniser Zincometal (sanding). Afterwards, apply two coats of **Atriaplastic P**.

Painted iron: sand and remove mechanically any trace of old chalking paintwork; apply over uncoated areas one coat of double-component primer Primepox. After drying, apply evenly over the whole surface two coats of **Atriaplastic P**.

Galvanized iron: degrease by solvent, remove any trace of grease, which is typical of these kind of substrates, otherwise the adhesive power of the product could be compromised. Apply one coat of self-anchoring primer for galvanized sheet iron, Zincofond bicomponente. After drying, apply evenly over the whole surface two coats of **Atriaplastic P**.

Cement-concrete pavings: : check that the surface has been seasoned for at least 28 days. In case of chalking and dusty pavings, clean well and wash out with an acid solution to remove chemically the surface peeling carbonation. Let dry and apply, according to the surface porosity, one or two coats of double-component strengthening, penetrating water based primer Emultex wp. Allow 12-24 hrs. drying. Apply evenly two coats of **Atriaplastic P**.

Application notes: do not apply over surfaces showing rising damp.

Do not apply at temperatures below 5 °C or with relative humidity above 65%, because this can cause surface defects and film bleaching.

Wash tools with thinner after use.

If the second coat is applied 5 days later than the first one, it is necessary to sand the substrate, to obtain the maximum adhesive power of the product.

During application, the base and hardener temperature must be above 15 °C, otherwise it is necessary to thin more the product to have the right application viscosity. Anyway, an excessive thinner quantity causes a slower catalysis and therefore a hardening's delay.

Atriaplastic P, as every epoxy coating, suffers a light surface chalking, if exposed to the direct sunlight for a long time.

## It is recommended for

Heavy industrial atmospheres; immersion in sea, demineralised power water; immersion and contact with acid salt, alkaline, thinned solutions; oil, naphtha, lubricating oils, crude oil.

## It is not recommended for

Contact with strong acids (nitric, sulphuric, hydrochloric acid) and oxidizing substances (hydrogen peroxide, sodium perchlorate)

## Recommended primers and intermediates

Primepox, Epofond, Zincometal, Zincofond bicomponente, Emultex wp.

## Safety precautions

The product is inflammable. Respect the safety norms in force for transport, storage and application. Do not waste the empty tins in the environment, let them dry and dispose them of as special waste; during application (especially spray application), it is necessary to air properly the working area.

## Tender Item

Application of **Atriaplastic P**, epoxy-polyamide, high thickness coating, with high chemical and mechanical resistant pigmentation, to be applied in two coats over concrete, iron or galvanized iron pavings, with a consumption of 0,380 kg/Sq.m., excluded practical operating loss.

(\*) These information, even if reliable, are absolutely approximate. The company owns the right to change them without any notice. Moreover, it is not responsible for the use of the present information. The user must previously test the product's suitability, before using it. For any further explanations or requirements on the products, please contact the staff of our technical lab.

