

Type of product **Water-soluble epoxy paint for vehicle accessible industrial floors.**
 Atriaplastic Pw is an water-soluble epoxy coating specific, bicomponent resin-based floors epoxy-polyamine, with light-stable pigmentation and waterproof barrier effect. After hardening, the product is hard and elastic with excellent mechanical resistance abrasion, strong filling power, easy applicability, high resistance to petrol, diesel, kerosene, motor oil, diluted solutions of alkali acids, vegetable oils, industrial detergents, Pets. Particularly suitable for industrial environments with considerable traffic, also applicable in hours of activity in progress (water product).

Fields of Application For industrial floors in concrete, iron, galvanized iron in industrial halls of food processing, electronic processing, toilet flooring, salt operators, dairy industries, pasta factories, cold rooms, and in all cases requiring easy cleaning and disinfection and a total absence of absorption and impermeability.

Technical Characteristics	Appearance	Gloss 70	
	Colour	Color chart RAL	
	Density	1,350 ± 0,05	
	Viscosity 25°C	2500 – 1000 Brookfield CPS	
	Volumetric dry residue%	55 ± 2%	
	Theoretical Spreading Rate	450 - 500 gr/ sq m in two coat	
	Typical micron thickness	220 micron	
	Mixing ratio	Base 80 - Hardener 20	
	Pot Life	1 hours, 25°C	
	Diluation	Water	
	APPLICATION METHOD	Brush	Dilution 0 – 5 %
		Ruller	Dilution 2 - 5 %
		Conventional spray	Not suitable, does not reach the typical thickness
DRYING 25°C		Do not touch 2 - 3 hours Dry to touch 8-12 hours Dry in depth 18 - 24 hours	
Temperature-resistant coatings		-15 °C / +120°C	
Recoating Minimum / Maximum		12 hours / 7 days	
Walkable		24 hours at 25°C	
Storage stability		12 months	
Standard packages		kg 5 – kg 20	

Note Keep away from flames and sparks, in a temperate environment and in closed containers. Protect from frost - 0 ° C.

Rules of Application

Preparation of 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). After that, apply two coats of Atriaplastic PW.

Cement and concrete surfaces:

Check that the surface has been seasoned for at least 28 days. In case of chalking and dusty floor, 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 Idrosem WP. After 12-24 hours, drying and Apply two coats of Atriaplastic PW.

Application note:

Do not apply on surfaces if there is rising damp.

Do not apply at temperatures below +5 ° C with relative air humidity not higher than 65%, otherwise you can have superficial defects and bleaching of the applied film.

Wash the tools immediately after use with the diluent.

If the application of the second layer takes place after 5 days from the first, a good one is needed sanding to obtain maximum adhesion.

Atriaplastic PW like all epoxy coatings, if exposed to prolonged direct solar irradiation, can undergo a light superficial chalking.

N.B. The unmixed product, not added, with the right dose of hardener, does not harden and does not reach the chemical resistance characteristics.

Walkable after 24 hours (taking care of it), the product reaches the maximum hardness and complete polymerization after 5-7 days from the last coat of applied product, we recommend a moderate use in the first days.

Recommended for

Heavy industrial atmospheres; immersion in sea water, demineralized industrial; contact and immersion in acid, alkaline, diluted salt solutions; petrol, naphtha, lubricating oils, crude oil.

Note recommended for

Contact with strong acids (nitric, sulfuric, hydrochloric), with oxidizing substances (hydrogen peroxide, sodium perchlorate), surfaces on display outside.


Recommended finishes

Plastofond As, Mioxide, Miox, Idrosem wp.

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