

## Product's description

### Double-component epoxy paint dilutable with water

**Idrosem** is an easy to apply universal anti-carbonatation topcoat, having the following excellent features: chemical resistance – high adhesive and filling power – the applied and dried film is non absorbing, anti-dust, mould-proof and bactericidal.

It is easy to clean and disinfect with cleansing compounds.

## Practical advice

Suitable for concrete – masonry surfaces, as basecoat for walls and floors; as topcoat for rolled or orange peeled coatings. For hospitals, schools, barracks, prisons, kitchens, food industries, laundries, garages, bars, and above all for cheese factories, oil-mills, pasta factories etc.

Aspect		Semiglossy - Matt
Colour		White – Pale grey
Density Kg/Lt.		1,45 ± 0,05
Viscosity 25°C		100 sec. Ford 4 base + hardener
Solid content by volume %		45 ± 2%
Theoretical spreading rate Sq.m/lt – gr/m2		9 Sq.m./L – 162 g/Sq.m.
Typical thickness humid/dry micron		110 humid / 50 dry
Mixing ratio Base/Hardener		Base 80 – Hardener 20
Pot Life		2 – 3 hrs.
Thinner		Water
Painting method	Brush	5 - 15% thinning
	Roller	10 – 12% thinning
	Spray	15 – 20% thinning viscosity 35 sec. Ford 4
		Nozzle's diameter 1,7 - 1,9 mm
		Air pressure 4,5 Pa (atm)
	Airless spray	6 – 10% thinning – visc. 100 sec. Ford 4
		Compression Ratio 30 : 1
		Nozzle's diameter 0,4 - 0,6 mm
		Air pressure 130 – 150 Pa (atm)
Drying times 25°C	Untouched :	3 hrs.
	Dry to the touch :	12 hrs.
	Absolutely dry :	24 hrs
Min./ Max. overcoating times		24 hrs. / no limitation
Flash point		Uninflammable
Shelf life		12 months
Standard package		Kg 5 - Kg 15

## Notes

The product is to apply in any cases, when the presence of products similar to thinners is dangerous for the environment and people.

## Application instructions

### Preparation of the surfaces

- New iron: clean and properly primed with Primel single- or double-component.
- Painted iron: Clean, sand and remove any chalking parts; coat the exposed iron with a proper primer (**Primepox, Protex**) and apply one or two coats of **Idrosem Wp**.
- Galvanized iron: well cleaned and primed with Zincofond and Zincofond BC, apply one or two coats of **Idrosem Wp**.
- New wood: well cleaned and sanded, apply a first 20% water thinned coat of **Idrosem Wp**. After drying, sand the wood's hair and apply one or two coats of **Idrosem Wp**.
- Old wood: sand well and remove any peeling parts. Clean and apply one or two coats of **Idrosem Wp**.
- Masonry and urban areas: well cleaned and free from dust. Apply a first coat of **Idrosem Wp**. After drying, if necessary, putty with epoxy stopper (Epostuc), sand and apply one or two coats of **Idrosem Wp**.

## It is recommended for

- Cycles resisting to chemical products – constant immersion and as non toxic basecoat for food containers.

## It is not recommended for

- Direct exposure to the sun; acids; concentrated bases; aromatic solvents.

## Recommended intermediates and finishes

- Atoxatria – Atriaplastic – Idroepox P – Cloroplast – Atrialux – Atriadur.

## Safety precautions

- The product is unflammable. Respect the hygiene norms in force. Do not waste the product nor its tin in the surrounding environment. For any further information, see the technical data.

## Tender Item

- Application of **Idrosem Wp** , epoxy polyamide paint in water emulsion, to be applied in two coats over masonry – concrete – iron – wood, with a consumption of 250 g/Sq.m. per coat.

(\*) 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.

