

## Product's description

### Waterproof, strengthening, non film producing, water based impregnating paint

**Idrosil w** is a waterproof, polysiloxanic resins based primer, in water solution. It has got a strong consolidating and penetrating effect, it reduces porosity and makes the surface uniform. Surfaces treated with **Idrosil w** reduce rain water and humidity absorption, preventing smog and soot accumulation on the surface. **Idrosil w** penetrates the substrate, coating evenly its macro porosity and making it sweat proof.

## Practical advice

Suitable for marble, stone, tuff, fair-faced surfaces, concrete, prefabricated cement, plastic and mineral coating requiring an excellent water repellency and porosity reduction.

## Technical features

Aspect	Not visible	
Color	Transparent	
Density Kg/Lt.	1 ± 0,02	
Viscosity 25°C	14-15 sec. ford 4	
Solid content by volume %	10%	
Theoretical spreading rate Sq.m/l – gr/m2	5-10 Sq.m./l according to porosity	
Typical thickness humid/dry micron	Not fixable	
Mixing ratio Base/Hardener	Single-component product	
Pot Life	Not applicable	
Thinner	Not expected	
Painting method	Brush	Unthinned
	Roller	Not suitable
	Brush	Not suitable
	Airless Spray	Not suitable
Drying times 25°C	Untouched :	1 hour
	Dry to the touch :	5 hours
	Dry :	24 hours
Min./ Max. over-application times	12 hours / no limitation	
Flash point	Uninflammable	
Shelf life	12 months	
Standard package	L.5 – L.1	

## Notes

The product is slightly caustic. Protect skin and eyes, during application. Protect frames, glass, marble, wood: the product may corrode them in a permanent way.

## Application instructions

### Preparation of the surfaces

Fair-faced surfaces: check that the surface is absolutely dry and seasoned, remove any dust and dirt, wash out any possible spot of smog or soot. If mildew, moss or lichens are found on the surface or on the stones' joints, brush and apply one coat of unthinned or thinned Sanatrol. Leave for at least 24 hours before applying **Idrosil w**. Wash out and brush off any salt efflorescence, due even to rising damp, because it could compromise **Idrosil w** penetration and adhesive power. Afterwards, apply **Idrosil w**.

Application notes: Do not apply **Idrosil w** at temperatures below 5° and above 35°. **Idrosil w** must be absorbed in a capillary way inside the surface, therefore it is necessary to wet continuously the walls with **Idrosil w**, until complete saturation, which is reached when walls do not immediately dry for at least 2-3 min. Because of the material to be treated typology and its porosity variability, it is not possible to fix a specific spreading rate, therefore it is recommended to make a previous test, to have an idea of the product real consumption. In case of application in a closed place, the area must be properly ventilated. **Idrosil w** can be over-applied with any kind of finish, after at least 24 hours. To make tiled balconies and terraces waterproof, it is recommended to strain the product. After drying, it is possible to repeat the application with the same procedure.

## It is recommended for

Marine, industrial, urban, country environments.

## It is not recommended for

Constant immersion.

## Recommended primers and intermediates

No specific requirement.

## Safety precautions

Caustic product. Protect skin and eyes during application. Do not waste the empty tins in the environment, let them dry and dispose them of as special waste. For any further information, see the technical data.

## Tender Item

Application of **Idrosil w**, insulating, waterproof, polysiloxanic, alkaline resins based primer, in water solution, to be applied over fair-faced surfaces with a minimum consumption of 0,250 l/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.