

Product's description

Protective transparent coloured water impregnating paint for internal and external use; non-toxic and odourless.

Idrowood Impregnante is a basecoat for wood, composed by selected acrylic resins in water emulsion, having a high penetrating power and transparent UV rays resistant dyestuffs, to avoid wood degradation. Besides, the use of dyestuffs enhances the natural grain of wood.

The dried film has got an excellent elasticity, high water repellency and a strong steam-proof action, allowing wood's natural hygrotranspirability.

The product does not contain solvents nor toxic or obnoxious substances, it does not smell offensively, ; it is inflammable and can be used in unventilated environments.

Practical advice

Suitable for wood decoration and protection (both for indoors and outdoors): matchboardings, fences, frames, walls, wood arcades, beams, etc.

Aspect		Glazed
Color		According to colour table
Density Kg/Lt.		1,05 ± 0,05
Viscosity 25°C		40 sec. ford 4
Solid content by volume %		25 ± 2 %
Theoretical spreading rate Sq.m/l – gr/m ²		10 Sq.m./l – 100 g/Sq.m.
Typical thickness humid/dry micron		25 dry 100 humid
Mixing ratio Base/Hardener		Single-component product
Pot Life		Not applicable
Thinner		Water
Painting method	Brush	0 - 5 % thinning
	Roller	0 - 5 % thinning
	Spray	0 - 10 % thinning
		Nozzle's diameter 1,3 - 1,5 mm
		Air pressure 3 - 4 kg/Sq.m. (atm)
	Airless Spray	Not suitable
Drying times 25°C	Untouched :	30 minutes
	Dry to the touch :	1 hour
	Absolutely dry :	12 hours
Min./ Max. over-application times		6 hours / no limitation
Flash point		Uninflammable
Shelf life		24 months
Standard package		10,750 – 12,5

Notes

Keep in a dry place, at temperatures above +5 °C.

Application instructions

Preparation of new wooden surfaces

Sand and carefully remove any grease or dirt.

Resinous woods: (pine, etc.) wash with nitro thinner to remove oil residues from the surface; make sure that the wood has well seasoned, with internal humidity below 13 – 15%. Apply a first coat of **Idrowood impregnante** and sand, after at least 6 hours, to remove the wood's hair; remove dust and apply one or two coats of **Idrowood impregnante** for internal surfaces; for external surfaces, it is recommended to apply, after the second hand of **Idrowood impregnante**, two coats of Idrowood finitura or Idrowood effetto cerato.

Preparation of painted wooden surfaces.

Remove any trace of old paintwork until the wood is exposed, sandpaper and apply the product as indicated above.

Application note: Apply at temperatures above + 8 °C and below + 35°C, with a relative humidity below 75%. Do not apply over surfaces in the direct sunlight nor in case of rainy or windy weather. Protect external treated surfaces for at least 48 hours, after application.

Clean tools with water, immediately after their use.

Idrowood impregnante can be over-coated both with water (Idrowood finitura, Idrowood effetto cerato) and solvent finishes (Flatting Mare, Atriawood cerato, Monoflat).

Idrowood impregnante trasparente for external use, where over-coating with Idrowood finitura lucida or with Idrowood effetto cerato is not required, can be used only mixed to **Idrowood impregnante** colorato to lighten or change the colour.

It is recommended for

Urban, country, marine and light industrial environments.

It is not recommended for Recommended finishes

Constant immersion and heavy industrial environment.

Idrowood finitura, Idrowood cerato, Atriawood flatting, Atriawood cerato, Monoflat.

Safety precautions

No labelling required, according to EEC standards in force.

Use the product according to occupational hygiene and safety standards.

Do not waste empty tins in the surrounding environment, rivers nor sewers.

For any further information, see the technical data.

Tender Item

Application of odourless, non-toxic, acrylic resins based impregnating paint, in water emulsion, with transparent UV high resistant dyestuffs, to be applied in one or two coats over wooden surfaces, with a consumption of about 0,1 – 0,2 l/Sq.m., according to porosity and the coat to be applied, 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.