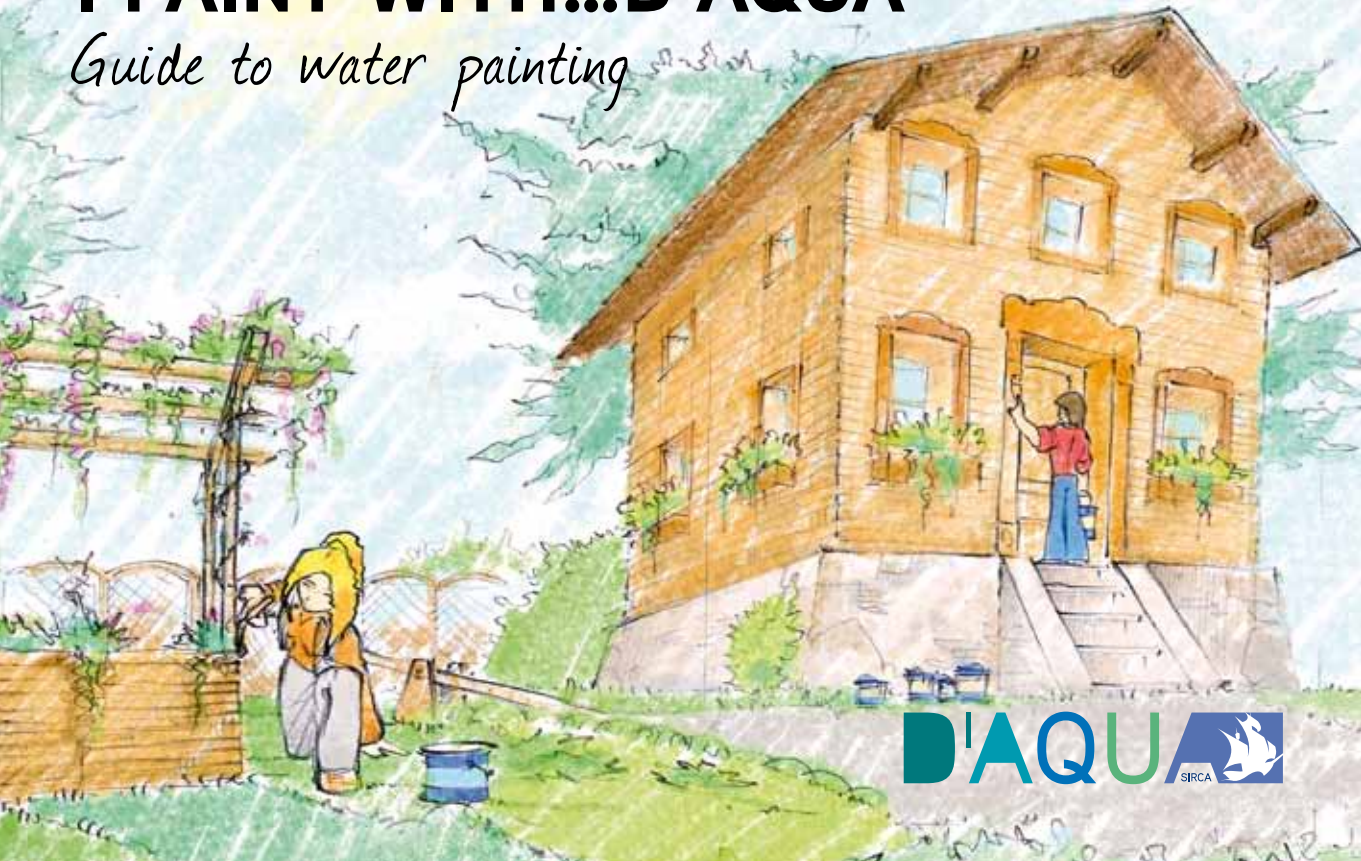
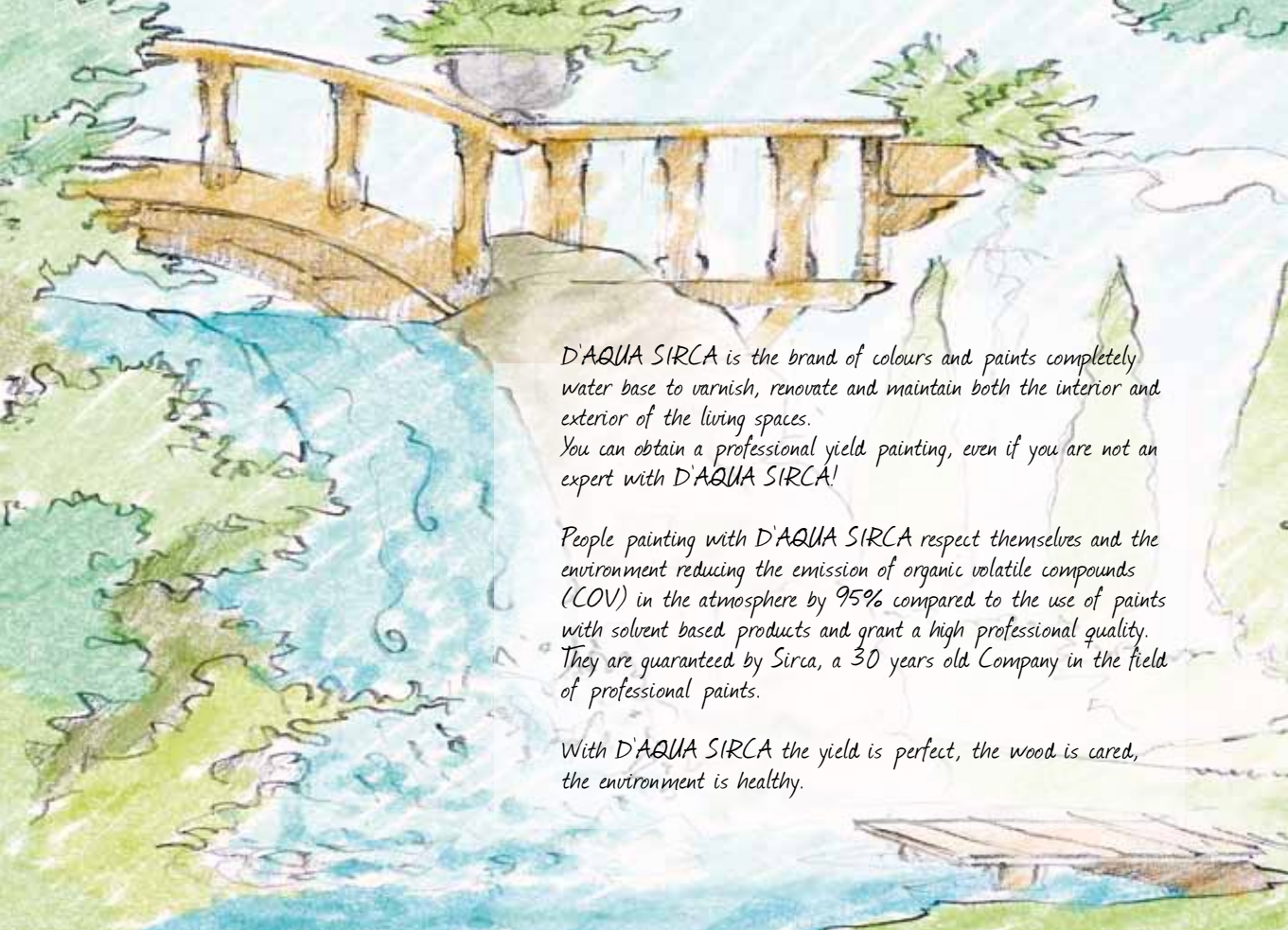


# I PAINT WITH...D'AQUA

*Guide to water painting*





*D'AQUA SIRCA is the brand of colours and paints completely water base to varnish, renovate and maintain both the interior and exterior of the living spaces.*

*You can obtain a professional yield painting, even if you are not an expert with D'AQUA SIRCA!*

*People painting with D'AQUA SIRCA respect themselves and the environment reducing the emission of organic volatile compounds (COV) in the atmosphere by 95% compared to the use of paints with solvent based products and grant a high professional quality. They are guaranteed by Sirca, a 30 years old Company in the field of professional paints.*

*With D'AQUA SIRCA the yield is perfect, the wood is cared, the environment is healthy.*

A watercolor illustration of a house with a red roof and a window with green shutters, surrounded by green trees and foliage. The style is soft and painterly.

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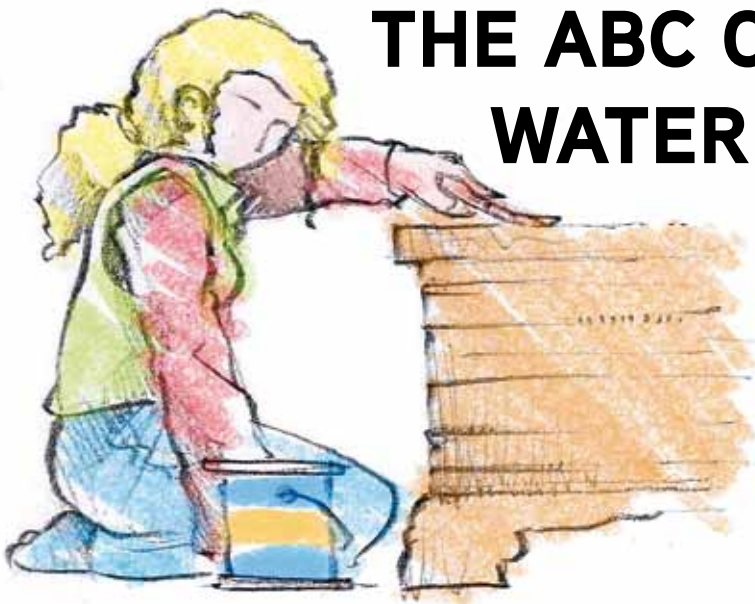
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# THE ABC OF WATER PAINTS



### **What is the water paint?**

Varnish is a typically fluid compound that you can use to protect and/or decorate a surface. It is a product that while drying creates a continuous protective film on the treated surface, which is thin, elastic and resistant.

In order to work properly, it must achieve the correct consistency, viscosity and flow rate.

This is why it is necessary to use thinners when it is applied. Depending on whether it is a solvent or a water based varnish these can be solvent or water based.

In the latter it is actually the water which carries the resin and the formula additives to the item to be

treated, eliminating almost completely the emission of volatile solvents into the environment, as most of our emissions are water vapour.

Water based paints are known as water-soluble and have a low environmental impact. Their development is the consequence of companies and users paying greater and greater attention to the environment.

Water based products respect the environment reducing the dangerous emissions in the atmosphere (COV) by 95% compared to the use of paints with solvent based products. Besides they don't smell, they are not flammable and have a low level of toxicity.

### **Benefits of D'AQUA SIRCA products**

- reduction of dangerous emissions by 95%
- non flammable products
- odourless
- dilution with water
- tools are easily cleaned with water
- respectful of the environment
- easily applicable

### The expert's advise for excellent painting

1. Always mix the colours, whether they are ready to use or that they can be thinned with water, before application. Products with a waxy effect must be mixed very well before use because the wax in them tends to come out to the surface.
2. For the application of water paints, brushes with synthetic bristles must be used. Remember that a good quality brush gives improved coverage.
3. Clean brushes, rollers or spray-guns and all the tools immediately after use with water. Tools will be in good condition for next applications and you'll avoid residues which are difficult to eliminate.
4. Do not store them at less than 5°C and leave them far from children.
5. Do not apply varnishes when the temperature is below 9°C.
6. Follow the application and drying times written on the label.
7. Do not use incompatible products, but check first they can be over varnished (see combination table).
8. Sandpaper only with the papers recommended on the label.
9. Remember that exterior paints can also be used for the interior, but not vice versa.
10. If you find it difficult to remove the lid of a partially used tin, hammer gently on the perimeter before unscrewing anticlockwise.
11. Do not leave left over product and packages in the environment.
12. If in doubt follow the information on the label.

### The sandpaper

It is good to have some information about sandpaper in order to do the correct preparation at each stage of the varnishing cycle to ensure the best final result.

Sandpaper is used to make smooth and clean the wooden or metal surfaces. It is a flexible paper or cloth frame to which abrasive have been coated.

The number identifying each kind of paper, usually on the back, refers to the numbers of holes (or meshes) contained in 6.45 cm<sup>2</sup> (that is a square inch) of a net for sieves

# Combination table

	Fields of application	Final desired effect	Base	Series	Top coat	Serie
EXTERIORS	Joinery, frames, front doors	<i>wood at sight</i>	Impregnating agent	IM 30xx	Top coat	IF 40xx
	Balconies, benches	<i>enamel</i>	Impregnating agent	IM 30xx	Satin enamel or Bright enamel	IO 10xx IL 20xx
	Gazebos, seats, fences	<i>wood at sight, wax effect</i>	Impregnating agent Wax impregnating agent	IM 30xx IC 50xx	Wax effect top coat Wax impregnating agent	IC 60xx IC 50xx
IRON	Iron, handrails	<i>enamel</i>	Rust-inhibitor		Satin enamel or Bright enamel	IO 10xx IL 20xx
INTERIORS	Pieces of furniture, Interiors	<i>wood at sight</i>	Acrylic stain	IT 80xx	Clear matt top coat or Clear semi glossy enamel	IN 2200 IN 2300
		<i>white wood at sight</i>	White matt top coat	IN 2211	White matt top coat	IN 2211
		<i>enamel</i>	White matt top coat	IN 2211	Satin enamel or Bright enamel	IO 10xx IL 20xx
	Parquet	<i>wood at sight</i>	Acrylic stain	IT 80xx	Parquet coat and coat	IP 2100
	Working plans	<i>enamel</i>	Satin enamel or Bright enamel	IO 10xx IL 20xx	Parquet coat and coat Parquet coat and coat	IP 2100 IP 2100



through which granules have been passed before fixing them on the paper.

The greater the number of holes, the smaller are the abrasive granules passing through them and the thinner is the sandpaper which contains them and consequently its smoothing action.

The most common kinds of abrasive papers are:

- *coarse grain* = 100 – 120 – 150
- *medium grain* = 180 – 200 – 240
- *fine grain* = 280 – 320 – 360

Lower numbers identify sandpapers with coarser granules with rougher

smoothing action, whereas higher numbers are associated with sandpapers with small granules, with a more delicate smoothing action.

Sanding is necessary to prepare the treated surface. It must always be done on the surface, moving the paper parallel to the direction of the grain:

- coarse, before starting the painting cycle;
- already painted with impregnating agen products, before applying the finishing.

### **Brush, roller or spray gun?**

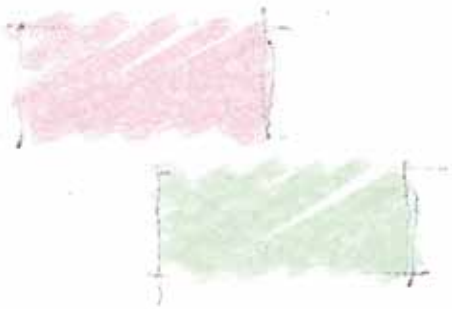
The classical tool associated with painting is the brush.

In the case of water paints it is essential to choose one with synthetic bristles.

Nevertheless other tools can be used in the painting of wood and iron: especially the roller and the spray gun.

Differently from the brush, the roller is formed by a rotating cylinder that, thanks to the rolling action on the surface, makes the application quicker. This tool is usually used on wide flat surfaces.

The spray gun, instead, spreads the

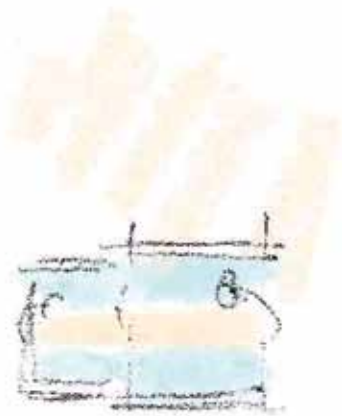


varnish in micro parts that stick to the materials covering them with homogeneity and precision, making the operation more practical and quicker.

Spray guns can be different either for how they have been produced or for difference in spraying the product. Therefore there is not the best tool to paint. It depends on our taste and choice. For small surfaces the brush may be better, whereas the spray gun may be preferable for outdoor spaces.



# EXTERIOR PAINTING



Naturalness, resistance and beauty are the characteristics that often convince us to choose wood for functional and decorative outdoor objects: windows, doors, roller shutters as well as fences, benches, tables and all the furniture with which we can decorate our garden or our balcony. We must remember though that wood is a live element and to keep it in per-

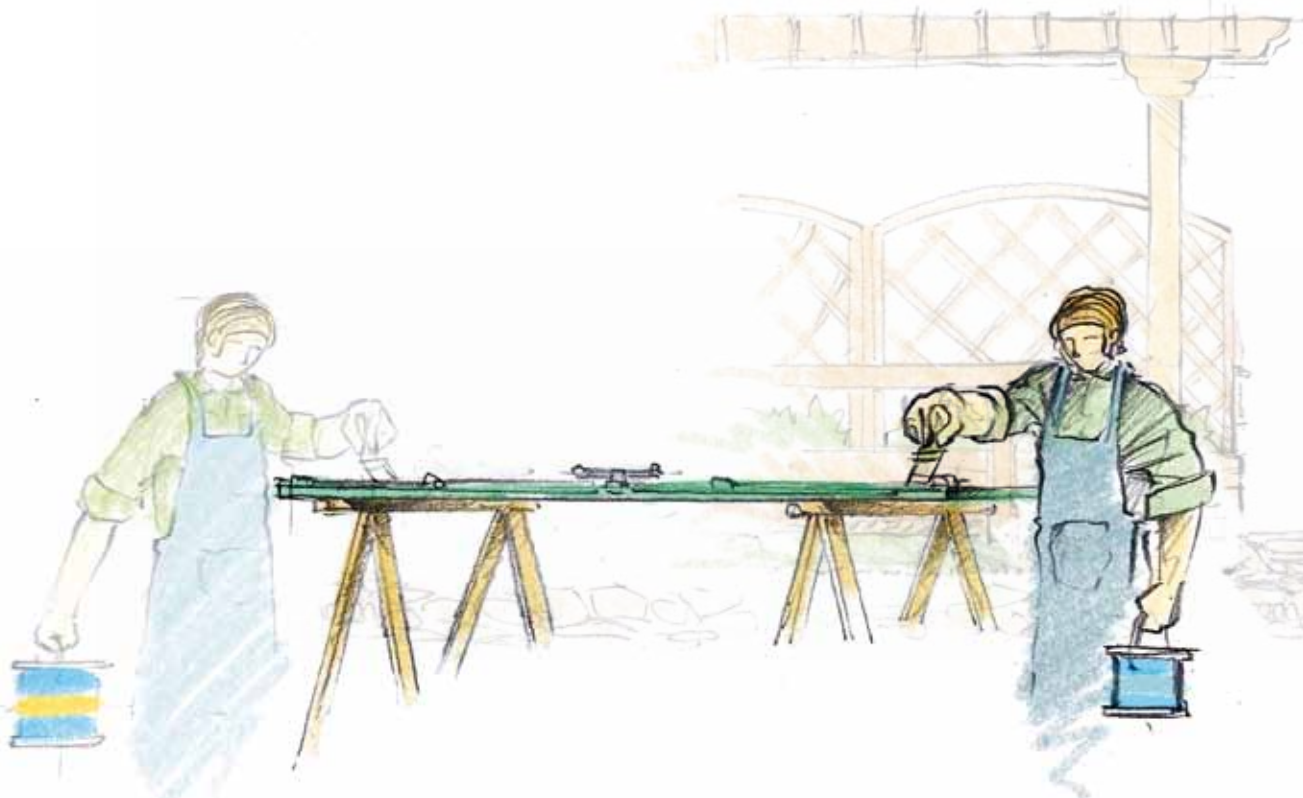
fect condition for longer we must protect it in the proper way. Light, rain, frost, pollution, temperature range and fungus contamination, mould or pests, continuously threaten the beauty of the outdoor surfaces. The varnishes D'AQUA SIRCA for exterior are specific products which help to preserve and care for wood. They preserve wood for a long time,

are easy to use providing a nice aesthetic impact either with a transparent finishing or an enamel effect. As they are water based, they respect the environment and at the same time resist the action of atmospheric agents, UV rays, abrasions, saline fog, daily and seasonal ranges of temperature and ageing.



## 12 JOINERY: FRAMES AND MAIN DOORS

Highlighting the natural shades and grain of woods while protecting them



*They are suited for timber products and panelling such as joinery and frames but also wooden houses, fences, balconies and beams reducing humidity and sun radiations absorption, combating the action of insects, fungus and mould.*

Painting frames and main doors is one of the more frequent maintenance tasks.

Wood is a live and natural material endowed with chemical-physical characteristics which are very peculiar.

D'AQUA SIRCA varnishes are the best choice to varnish, to highlight the natural shades and grain of woods while protecting them during the time.

**What you need:**

- brush with synthetic bristles or spray gun
- abrasive paper grain 180
- water primer series IM 30xx
- water finishing series IF 40xx
- water.

**What to do:**

1. Choose the shades of impregnating agent and top coat, remembering that transparent varnishes protect less from the sun rays, as they do not contain UV filters
2. Sandpaper with abrasive paper grain 180, whether or not the timber has already been sanded by machine
3. Prime with water impregnating series IM 30xx, ready to use one coat only
4. Let it dry for 3 hours
5. Dilute water finishing series IF 40xx at 5% with water and apply one coat only.
6. Let it dry 24 hours.

# 14 BALCONIES, BENCHES, BATHING HUTS

Protect wood giving colour to the garden



*D'AQUA SIRCA enamels give the wood a pigmented and covering effect. They are suited for painting wooden houses, fences, balconies and beams.*

It often happens that exterior agents like light, sand and extreme temperatures damage furniture.

Whether we want to renew the aspect to revive and protect wood or to make the place fresher and livelier, we can give a personal touch choosing from the numerous colours available in the range of enamels D'AQUA SIRCA.

### What you need:

- brush with synthetic bristles or spray gun
- abrasive paper grain 180
- water impregnating agent series IM 30xx
- water enamel for wood and satin iron (series IO 10xx) or glossy (IL 20xx) depending on the desired effect
- water.



#### What to do:

1. Choose the colour of the enamel.  
For a better effect please use an impregnating agent tone close to that of the top coat
2. Sandpaper with abrasive paper grain 180, whether or not the timber has already been sanded by machine
3. Prime with water impregnating

- series IM 30xx, ready to use one coat only. The use of the impregnating agent is suggested because wood protection is increased and the adhesion of enamel finishing is easier
4. Let it dry for 3 hours
5. Dilute water enamel top coat series (series IO 10xx o IL 20xx) at 10% with water

6. Apply one first coat
7. Let it dry for 3 hours
8. Apply a second coat
9. Let it dry for 12 hours.

# 16 GAZEBOS, SEATS, FENCES...

Transparent finish with wax effect to protect from humidity



*The waxy varnishes D'AQUA SIRCA grant the wood a "waxy effect". The product provides a strong protection against water and humidity. They are suited to the painting of wooden houses, fences, balconies, timber products and wooden ceilings.*

The waxy varnishes and top coats D'AQUA SIRCA allow you to treat wood with a "waxy effect" finish which doesn't hide the wood and at the same time makes it water-repellent. The product provides a strong protection against water and humidity whilst maintaining the same resistance of traditional primers to different aggressive agents.

#### **What you need:**

- brush or spray gun
- abrasive paper grain 180 (eventually 280)
- water primer series IM 30xx
- water base waxy finish series IC 60xx
- water

#### **What to do:**

1. Choose the shades of impregnating agent and top coat, remembering that transparent varnishes protect less from the sun rays, as they do not contain UV filters. We can anyway lighten the coloured impregnating agent by mixing it with the transparent one.
2. Always stir the products very well because wax tends to come to the surface.
3. Sandpaper with abrasive paper grain 180, whether or not the timber has already been sanded by machine.
4. Apply one or more coats of ready to use primer series IM 30xx, depending on how much you want to darken the colour shade. Do not apply more than 3 coats and let it dry for at least 3 hours between each coat.
5. When the last but one coat of primer is dry we suggest you sand with abrasive sandpaper. The sanding between the coats is not strictly necessary but suggested to improve the final effect.
6. The waxy top coat series IC 60xx requires one coat only and is ready to use without dilution.
7. Let it dry for 24 hours.

# 18 GATES, HANDRAILS, GRATINGS...

## Iron as new thanks to coloured enamels

*D'AQUA SIRCA enamels give iron a pigmented effect and protect it from atmospheric agents, rust, UV rays and abrasions. They are suited to the treatment of gates, handrails, balconies, gratings and iron in general.*

To see our handrail fading with the time and rusting can prompt us to spend time in maintaining it. Or we might simply wish to change colour to renew the aspect of our home.

Using D'AQUA SIRCA enamels for the painting of metal we both care for the aesthetics and also protect the surface from aggressive agents and rust.

Different treatments are needed depending on whether the iron is new, has ever been painted or with an existing paint to be covered.

### IF THE IRON IS NEW

#### What you need:

- brush or spray gun
- nitro thinner
- anti-rust
- water base satin enamel (series IO 10xx) or glossy (IL 20xx) depending on the desired effect
- water

#### What to do:

1. Check the iron is perfectly clean, degreasing, if necessary, with a nitro thinner

2. Apply a coat of anti-rust, useful both as anti-oxidant and to make the enamel adhesion easier
3. Let it dry for 24 hours
4. Apply two coats of water based satin enamel (series IO 10xx) or glossy (IL 20xx). Apply the first coat and immediately after the second one
5. Dilution 10% with water.

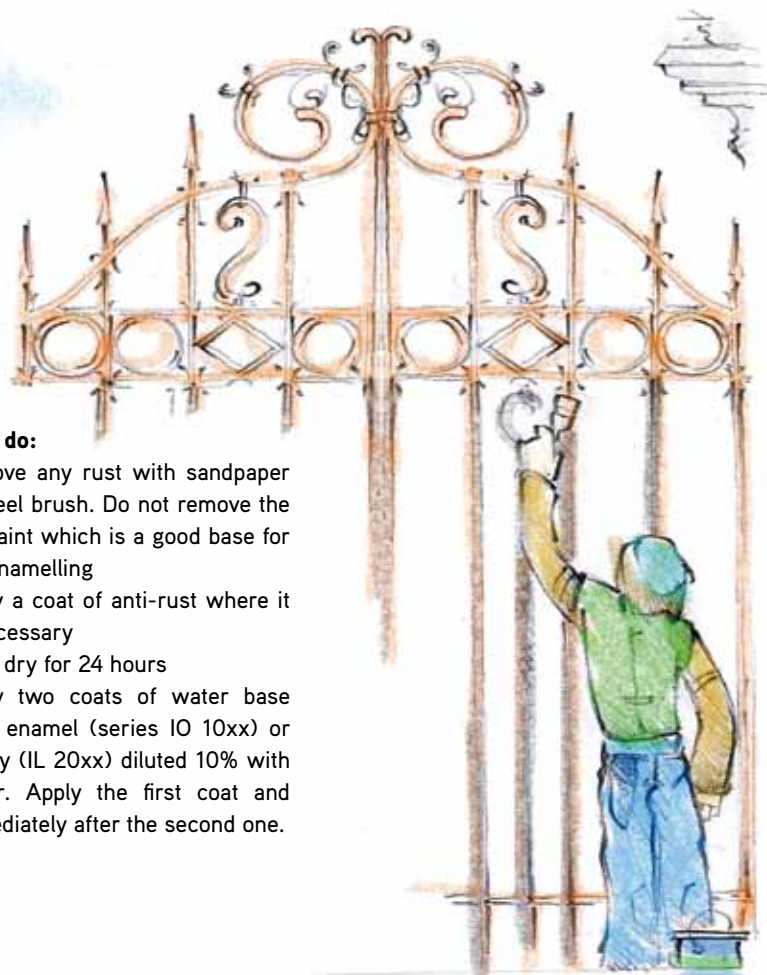
## IF THE IRON IS ALREADY PAINTED

### What you need:

- brush or spray gun
- sandpaper or steel brush (manual or mechanic)
- anti-rust
- water base satin enamel (series IO 10xx) or glossy (IL 20xx) depending on the desired effect
- water

### What to do:

1. Remove any rust with sandpaper or steel brush. Do not remove the old paint which is a good base for the enamelling
2. Apply a coat of anti-rust where it is necessary
3. Let it dry for 24 hours
4. Apply two coats of water base satin enamel (series IO 10xx) or glossy (IL 20xx) diluted 10% with water. Apply the first coat and immediately after the second one.





# INTERIOR PAINTING

Charm, warmth and elegance often convince us to choose decorations, walkways and wood furniture granting our home a special touch. Whether the style is country, sophisticated, antique or modern minimalist, wood is in any case a

live product, subject to abrasions, yellowing, light action and also to grease and detergents.

To preserve wood in perfect condition for as long as possible, it is necessary to protect and care for it. D'AQUA SIRCA paintings for

the treatment of interior wood, are easy to use providing a nice aesthetic impact. Either you choose a transparent finish or an enamel effect, they prolong wood health over time making it more resistant to wear.



## 22 INTERIOR WOOD: CHEST OF DRAWERS, CUPBOARDS, TABLES...

### Painting wood with natural top coat enhancing wood grain

*Acrylic water base products of D'AQUA SIRCA series are suited to painting furniture, interior decoration, timber products, ceilings and interior beams, doors and sides of wardrobes, poles, skirting boards, frames and frames covering wires.*

With D'AQUA SIRCA paints we can give space to our creativity and obtain a more or less coloured but always natural. We can also revive or renew old pieces of furniture to make our decor more personal.

D'AQUA SIRCA acrylic products for the treatment of interior wood can be used to give a white matt effect or a transparent effect which can be either matt or glossy.

#### **MATT TRANSPARENT TOP COAT**

##### **What you need:**

- brush or spray gun
- abrasive paper grain 180 and 280
- water base acrylic paint series IT 80xx
- transparent matt water base paint for interior series IN 2200
- abrasive paper grain 280

##### **What to do:**

1. Sandpaper the rough surface with abrasive paper grain 180
2. Apply one coat of acrylic paint series IT 80xx
3. Let it dry for 6 hours
4. Apply a first coat of transparent matt water base paint for interior (IN 2200)
5. Let it dry for 6 hours
6. Sandpaper with abrasive paper grain 280
7. Apply a second coat of transparent matt water base paint for interior (IN 2200)
8. Let it dry for 6 hours

## TRANSPARENT GLOSSY TOP COAT

### What you need:

- brush or spray gun
- abrasive paper grain 180 and 280
- water base acrylic paint series IT 80xx
- transparent glossy water base paint for interior series IN 2300

### What to do:

1. Sandpaper the rough surface with abrasive paper grain 180
2. Apply one coat of acrylic paint series IT 80xx
3. Let it dry for 6 hours
4. Apply a first coat of transparent half-glossy water base paint for interior (IN 2300)
5. Let it dry for 6 hours
6. Sandpaper with abrasive paper grain 280

7. Apply a first coat of semi glossy transparent water base paint (IN 2300) and immediately after a second one
8. Let it dry for 6 hours

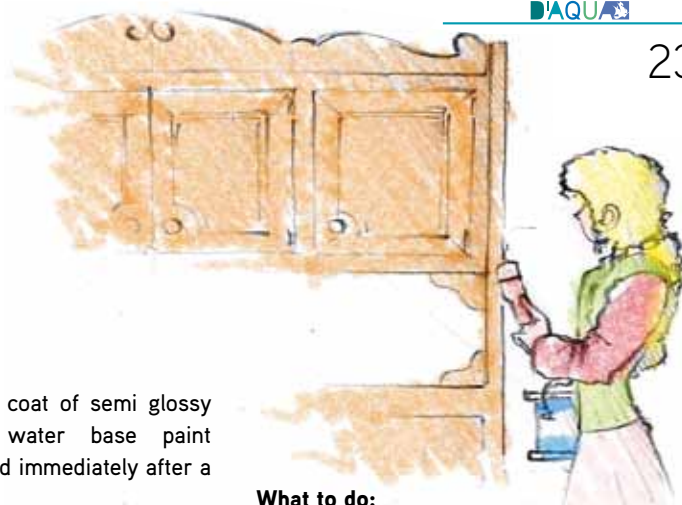
## WHITE MATT TOP COAT

### What you need:

- brush or spray gun
- abrasive paper grain 180 and 280
- water base acrylic paint series IT 80xx
- white matt paint for interior series (IN 2211)

### What to do:

1. Sandpaper the rough surface with abrasive paper grain 180
2. Apply one coat of water base paint for interior (IN 2211)
3. Let it dry for 6 hours
4. Sandpaper with abrasive paper grain 280
5. Apply a first coat of white water base paint for interior (IN 2211) and immediately after a second one
6. Let it dry for 6 hours.



## 24 ...CHAIRS, BEDSIDE-TABLES, CEILINGS...

### Painting a piece of furniture with enamel effect

If you wish to give a new tone and renew an old piece of furniture, or revive the aspect of a room, you can use D'AQUA SIRCA enamels for wood and iron. They are also suited to the painting of pieces of furniture and interior surfaces and can be either gloss and satin.

#### What you need:

- brush or spray gun
- abrasive paper grain 180 and 280
- whiter water base paint for interior IN 2211
- Satin water base enamel series (IO 10xx) or glossy (IL 20xx) depending on the desired effect

#### What to do:

1. Sandpaper the rough surface with abrasive paper grain 180
2. Apply one coat of water base paint for interior (IN 2211)
3. Let it dry for 6 hours
4. Sandpaper with abrasive paper grain 280
5. Apply a first coat of matt water base enamel series IO 10xx or glossy (IL 20xx) depending on the desired effect
6. Let it dry for 3 hours
7. Apply a second coat of enamel.

*D'AQUA SIRCA enamels for wood and iron are ideal to the treatment of furniture, interior decoration, timber products, ceilings and interior beams, interior doors and sides of wardrobes, poles, skirting boards, frames and frames covering wires.*



## 26 PARQUET, WALKWAYS AND WORKING SURFACES

### Painting and protect surfaces which are often used

A nice floor can revive a room on its own. If you want to cancel the effects of time, opacity, scratches and stains from our parquet or protect our working plan, we can do it easily and in few steps.

D'AQUA SIRCA topcoat for parquet protects floors and enamelled working surfaces for a long time.

#### MATT TRANSPARENT TOP COAT

##### What you need:

- brush or spray gun
- abrasive paper grain 180 and 280
- water base acrylic paint series IT 80xx
- transparent matt water base paint for interior IN 2200
- transparent top coat for parquet IP 2100

##### What to do:

1. If the surface is not smooth, sandpaper with abrasive paper grain 180. If the surface is already varnished, use first sandpaper grain 200
2. Apply one coat of acrylic paint series IT 80xx
3. Let it dry for 18 hours
4. Apply a first coat of top coat finishing IP 2100

5. Let it dry for 8 hours
6. Sandpaper with abrasive paper grain 280
7. Apply a second coat of top coat finishing IP 2100
8. Let it dry for 18 hours.



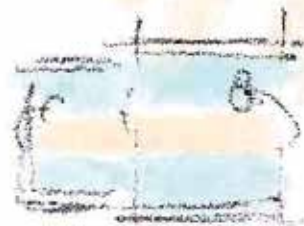


*D'AQUA SIRCA topcoat for parquet is suited to the treatment of walkways, stairs, floors, parquet and of the working surfaces of tables and desks.*

## ENAMELS ON WORKING SURFACES

Working surfaces can be coloured with pigmented enamels IO 10xx e IL 20xx, but in this case it is necessary to add a protection with topcoat finishing for parquet and working surfaces IP2100. The reason is simple: pigmented enamels are soft and elastic when the film is dry and therefore they can be easily scratched and damaged because of the continuous scrapings. It is necessary follow the instructions to paint pieces of furniture with enamel (page 24) first, and then do as follows:

1. Sandpaper when the already painted surface is perfectly dry with abrasive paper grain 320
2. Apply a first coat of top coat finishing for parquet and working surfaces (IP 2100)
3. Let it dry for 18 hours
4. Sandpaper the surface with abrasive paper grain 320
5. Apply a second coat of top coat finishing for parquet and working surfaces (IP 2100)
6. Let it dry for 18 hours.



# QUESTIONS AND ANSWERS: ADDRESSING THE PAINTER'S CONCERNS

## **Can water base paint dissolve in water?**

Absolutely no. Water is the vehicle which allows the varnish to be easily spread on the surface, but during drying it evaporates leaving a dry film.

## **How do you clean brushes?**

Cleaning the brushes immediately after use is essential for their good maintenance in time. First of all remove as much varnish as possible with a cloth, starting from the handle of the brush and proceed-

ing to the tip of it. Then wash them with warm water and neutral soap, dry and wet them with some drops of mineral oil to avoid the bristles becoming dry.

### **How to keep brushes in good condition?**

Brushes, like all the tools used in the varnishing, need the correct treatment to be well maintained and retain their good efficiency. When they are clean after use store them ensuring that the tip does not bend otherwise they will be useless next time. This is why they must be stored horizontally or hung by the handle, in a ventilated place and possibly wrapped in aluminium foil.

### **Do brushes and rollers need to be prepared before use?**

Leave brushes and rollers in water for

a few minute before use, wash them with water and soap and then wring them to eliminate excess water. This is necessary to make the bristles softer and make varnishing easier.

### **What is the difference between primer and wood paint?**

Using an impregnating agent on a not treated surface, helps to protect it and makes the adhesion of the finishing coat easier. Thanks to the primer wood is protected from flaking, humidity, mould and worms and from aggressive agents in general.

Primer. As suggested by the name, penetrates deeply into the wood,

without creating a superficial film. Varnish, on the contrary, stays on the surface forming a film and gives the treated object the final aspect contributing to the protection of wood from bad weather, thanks to its characteristics of elasticity and resistance.

### **I bought a paint for exterior. Can I also use it for a piece of furniture in interior?**

D'AQUA SIRCA varnishes and enamels for exteriors are suitable also for interiors. There are no problems if you want to paint a piece of furniture.

# D'AQUA SIRCA RANGE

D'AQUA SIRCA provides a complete solution for all of your needs for maintaining, renovating or recolouring wood and iron. It includes every kind of water products: primers, waxy primers, finishing coats, invigorating products, detergents, acrylic paints, varnishes, wood and iron enamels.





*With the advice of this manual, together  
with the information on the products labels,  
water painting will be even easier.  
Joinery, pieces of furniture, cabins, fences...  
With D'AQUA SIRCA products everything  
can be easily renewed and maintained*

