

# IDROPOL



**POLISTUC<sup>®</sup>**  
C O A T I N G S



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# POLISTUC



# BRAND

## Introduction

Duration over time is the fundamental characteristic to be considered before painting wooden items for exterior use.

Atmospheric agents, pollution, solar radiation and micro-organisms which occur in nature determine a slow but inexorable degradation of a natural material as wood, that must be duly protected if it is used to create doors, windows, shutters, frames, garden furniture, decking, etc...

Waterborne coatings are preferred for such purpose because they can efficaciously protect the wood structure, reducing the pollutant emissions into the atmosphere, compared to solvent-based products used in the past.

Waterborne coatings are not flammable, they can be diluted with water and they are easily usable in industrial and artisan systems.

These products dry fastly and are characterised by a high level of water vapour permeability. They create a continuous coating film that allows the wood to breathe. These products are characterised by a high degree of elasticity that allows the coating film to easily adapt to the natural movements of wood that is subject to atmospheric agents and, therefore, they prevent splits or cracks that cause a rapid degradation of the applied coating system, with the consequent direct exposure of wood to solar radiations moulds, fungi and parasites.

Thanks to the Idropol waterborne product line by **POLISTUC**, an Italian company that produces painting for wood that is well known worldwide for the quality of its products, wood beauty and quality are duly enhanced.

**POLISTUC** accurately chooses the raw materials used in its formulations, that are the result of a constant research on the market and evaluation of new raw materials, additives and innovative solutions in terms of performance and eco-sustainability. These characteristics guarantee a flawless performance to the final customer and an optimal durability of products used in the painting systems, with full respect of the environment, the applicator and the final user.

It's possible to paint a wide range of wood species, each of which has different mechanical and intrinsic characteristics, that must be considered for the optimal choice of **POLISTUC** products to be used. The coating is like a dress: its qualities and characteristics can duly enhance the essence of painting. This is the reason why **POLISTUC** developed a series of products characterised by an excellent softness to the touch and transparency, extremely resistant against colorimetric degradation and protective of the wood cellular structure.

Maintenance is very easy and fast, from the simple washing of the painted item, to the renewal or restoration of the coating film in case of significant damages.



## Preservatives

Wood is a living element and has to be properly treated and protected to avoid any kind of surprise.

The moisture action, along with chemical and physical characteristics of the wood to be painted could cause defects and compromise the quality and the durability of the painting system.

The application of the impregnating agent, either specific for conifers or broadleaves, allows to prepare the wood for painting process, in order that following applications of sealers and topcoats adhere to the substrate. Moreover, the impregnating agent allows to minimize the effect of tannin, fatty and oily substances possibly included in some typologies of wood to be painted, in addition to uniform its colour.

## Wax preservatives

The wooden structures used outside, either garden furniture or structural parts of the building, could be constructed with different types of wood of limited stability or unstable, because of their intrinsic features, like the presence of tannin and extractives, limited elasticity and limited permeability to painting products.

On these substrates it is necessary to use alternative products, which require periodic maintenance.

The final result is anyway optimal, the application is very easy and fast. These are waxy preservatives, which allow to achieve a correct coverage of the substrate, by the application of two or three coats of the same product, properly tinted, in order to increase the resistance of the system to solar radiation and provide proper water repellency and high elasticity.

Basing to the substrate to be painted, it is possible to choose between different types of products, each one with different characteristics and features.

## Insulating agents

Some types of wood are notoriously difficult to paint, exotic woods are a proper example, because during painting processes could determine a colour changing compared to the desired shade, providing not uniform nuances due to absorption of the products, insufficient adhesion, etc.

In these cases it is necessary to apply a suitable insulating agent, which can be mono or bicomponent depending on the production needs. It can be properly pigmented using water based pastes.

The insulating agent is applied after pretreatment with a proper impregnating agent, before application of sealer or topcoat.





## SOFTWOOD PRESERVATIVES

### WIE8000\*

#### Series of waterborne preservatives specific for conifers

WIE8000 series identifies the waterborne preservatives for the protection of conifer wood outdoor items. Characteristics of this series of preservatives are the good penetration into the support, the good flow capacity and the colour uniformity.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

#### Method of application

- ✓ Brush
- ✓ Dipping
- ✓ Flow Coating

### WIE8900\*

#### Series of waterborne preservatives specific for conifers Flow-coating application

WIE8900 series identifies the waterborne preservatives for the protection of conifer wood outdoor items. Characteristics of this series of preservatives are the good penetration into the support, the good flow capacity, the excellent colour uniformity in order to avoid the presence of spots absence of stains and, therefore, a good stain homogenisation in the wood stronger and softer parts. WIE8900 is developed and manufactured specifically for industrial applications with flow-coating.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

#### Method of application

- ✓ Dipping
- ✓ Flow Coating

## HARDWOOD PRESERVATIVES

### WIE4000\*

#### Series of waterborne preservatives specific for hardwood

WIE4000 series identifies the waterborne preservatives for the protection of exterior broadleaves wooden substrates.

This series is formulated to reduce classic problems about impregnation of woods rich in tannin and fat substances, such as bad sliding and spots appearance.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

#### Method of application

- ✓ Brush
- ✓ Dipping

### WIE5400\*

#### Series of waterborne preservatives specific for hardwood Flow-coating application

WIE5400 series identifies the waterborne preservatives for the protection of exterior broadleaves wooden substrates.

This series is studied for industrial applications by flow-coating system, so it is formulated to reduce classic problems about impregnation of woods rich in tannin and fat substances, such as bad sliding and spots appearance.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

#### Method of application

- ✓ Dipping
- ✓ Flow Coating

\* Consult the table on page 9 to see the available colours

*	Colours available	Code	*	Colours available	Code
18	White	WIExx18	21	Mahogany	WIExx21
20	Larch	WIExx20	66	Chestnut	WIExx66
15	Oak	WIExx15	51	Warm walnut	WIExx51
11	Teak	WIExx11	52	Dark walnut	WIExx52
16	Light mahogany	WIExx16	25	Brenner walnut	WIExx25
24	Douglas	WIExx24	54	Ebony black	WIExx54
13	Walnut	WIExx13	23	Green	WIExx23





## 03

## WAX PRESERVATIVES

## WIC2100

**Waterborne high solid content wax-effect preservative**

WIC2100 is a product characterised by an high solid content, developed for the protection and decoration of wood.

It is suitable for applications on unstable wooden substrates, it protects the structure towards atmospheric agents and UV sunlight.

To increase the protection towards UV sunlight it is warmly recommended to add specific pigments of WCE series.

**Recommended use**

- ✓ Roofing
- ✓ Garden furniture
- ✓ Gazebos
- ✓ Balconies
- ✓ Truss
- ✓ Outside matchboards
- ✓ Fences

**Method of application**

- ✓ Spray
- ✓ Brush

## WIC2200

**Waterborne wax-effect preservative**

WIC2200 is an excellent water-repellent product of high solid content, which is developed for protection and decoration of wooden substrates.

It is suitable for applications on unstable wooden substrates, it protects the structure towards atmospheric agents and UV sunlight.

This version is more water repellent than WIC2200 series, the solid content is lower, so it's recommended if short thicknesses are required, for exotic woods for example. To increase the protection towards UV sunlight it is warmly recommended to add specific pigments of WCE series.

**Recommended use**

- ✓ Roofing
- ✓ Garden furniture
- ✓ Gazebos
- ✓ Balconies
- ✓ Truss
- ✓ Outside matchboards
- ✓ Fences

**Method of application**

- ✓ Brush
- ✓ Dipping

## WIC2250

**Waterborne wax-effect preservative**

WIC2250 is an excellent water-repellent product of high solid content, which is developed for protection and decoration of wooden substrates. It is suitable for applications on unstable wooden substrates, it protects the structure towards atmospheric agents and UV sunlight. This version is more water repellent than WIC2250 series, the solid content is lower, so it's recommended if short thicknesses are required, for exotic woods for example. This is an improved version of WIC2250, it contains particular additives to avoid that wood turns grey. To increase the protection towards UV sunlight it is warmly recommended to add specific pigments of WCE series.

**Recommended use**

- ✓ Roofing
- ✓ Garden furniture
- ✓ Gazebos
- ✓ Balconies
- ✓ Truss
- ✓ Outside matchboards
- ✓ Fences

**Method of application**

- ✓ Brush
- ✓ Dipping

## WIC2350

**Extreme waterborne wax-effect preservative**

WIC2350 is an excellent water-repellent product characterised by low solid content. It is developed for the protection and the decoration of wooden substrates, also built using "difficult woods" like teak and iroko, in order to preserve them for long time towards atmospheric agents and UV sunlight.

WIC2350 contains particular additives to avoid that wood turns grey.

To increase the protection towards UV sunlight it is warmly recommended to add specific pigments of WCE series.

**Recommended use**

- ✓ Roofing
- ✓ Garden furniture
- ✓ Gazebos
- ✓ Balconies
- ✓ Truss
- ✓ Outside matchboards
- ✓ Fences

**Method of application**

- ✓ Brush
- ✓ Dipping



## 04

## INSULATING AGENTS

## WIS305

**Clear waterborne mono component sealer**

WIS350 is an insulating waterborne single component insulating agent formulated for painting particularly "difficult" wood species, rich of extractives and/or tannin such as, for example, oak and chestnut (not suitable for larch).

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

## WIS311

**Clear waterborne bicomponent insulating agent**

WIS311 is a insulating agent characterised by excellent covering power, sealing capacity, verticality and sandability. It is suitable for conifers but also on woods that are more difficult to coat, such as oak, chestnut, iroko and larch.

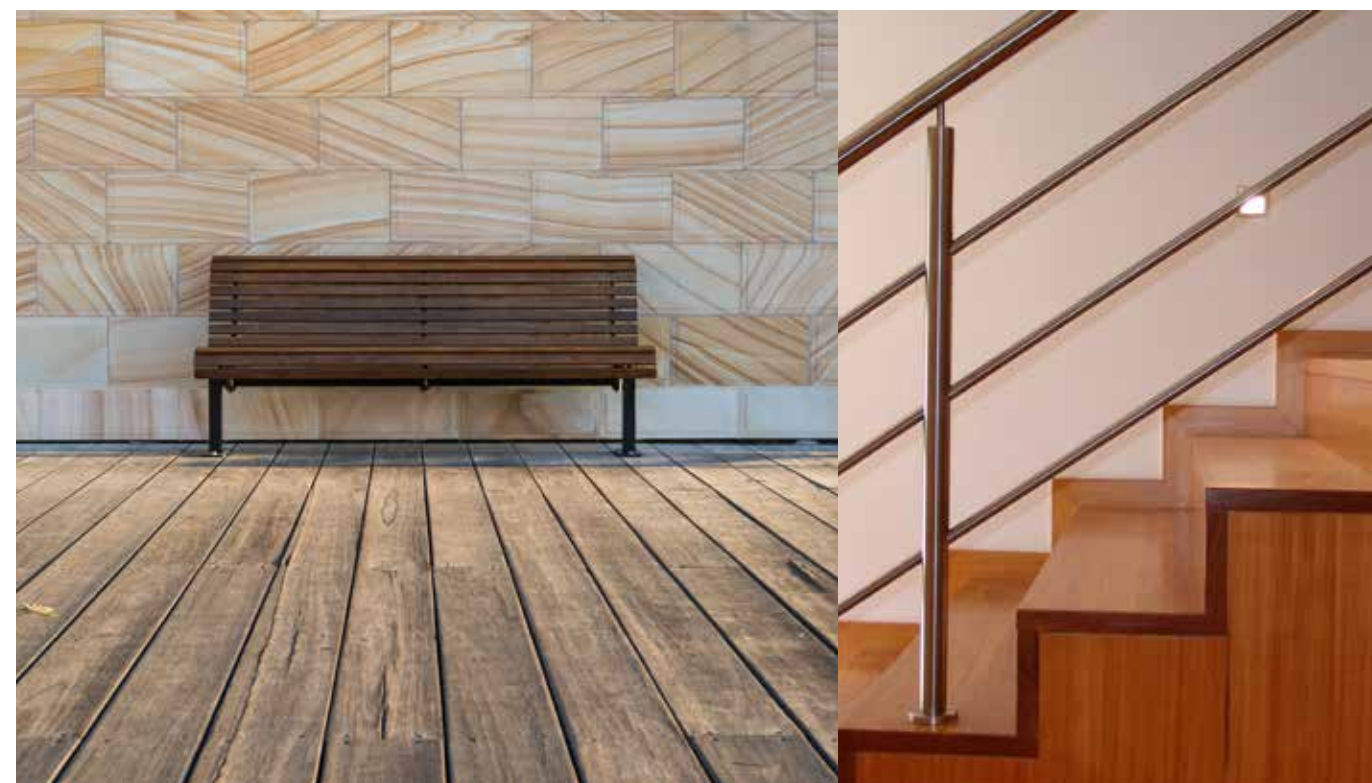
This product can be pigmented with the WPP series waterborne pastes.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray



## 05

## SEALERS

The system normally applied on a wooden structure requires at least two coats, usually the same product, after the application of one coat of preservative. In some cases, we recommend a coating system with two different products, a primer and a topcoat. It is important to choose the sealer properly, depending on the application system and on the wooden support to be coated, as it allows to increase the quality of the applied system in terms of aesthetic, lasting and overall mechanical characteristics.

Polistuc **sealers** are easy to apply, have a good verticality, transparency and sanding. They also dry rapidly and they have optimal covering and good grain's marking, characteristics required to keep the wood structure naturally beauty.

Transparent and pigmented versions, exclusively single component, are available.



## WFE0015

**Clear universal sealer**

WFE0015 is a mono component sealer for outdoor applications characterised by good transparency, great verticality sealer and good elasticity.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

## WFE0017

**Clear sealer specific for okumè**

WFE0017 is a single component waterborne intermediate sealer, suitable for painting exterior joinery and frames. It is specifically developed for industrial applications with flow-coating.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

## WFE0018

**High solid content clear sealer  
Flow Coating application**

WFE0018 is a transparent waterborne sealer for outdoor applications, specifically developed for painting Okume frames. It is characterised by good transparency and optimal sanding.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Dipping
- ✓ Flow Coating

## WFE114

**White waterborne sealer**

White single component waterborne sealer characterised by good resistance against removal and good sanding. The product has a good insulating capacity against extractives.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

## WFE115

**White sealer**

White single component waterborne sealer with good covering power.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

## WFE117

**White sealer specific for okumè**

WFE117 is a white waterborne primer for outdoor applications characterised by a good resistance against removal, coverage, pore definition and optimal sanding.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

## WFE118

**White sealer  
Flow Coating application**

WFE118 is a single component waterborne intermediate sealer, suitable for painting exterior joinery and frames. It is specifically developed for industrial applications with flow-coating. It is characterised by good sanding, fast drying and sliding properties.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Immersion
- ✓ Flow Coating



## Topcoats

The last step of a coating system involves the use of a topcoat, product that enhances the natural beauty of the wood.

This product has the purpose to increase the resistance to atmospheric agents of the entire coating system, providing to the substrate a valid protection.

Added with special UV absorbers and radical captors, Polistuc topcoats allow to achieve high durability of the system and maintain the aesthetic quality in time, thanks to optimal mechanical characteristics of elasticity, scratch resistance and breathability.

These products are characterised by ease of application, excellent verticality, transparency and pore marking.

Fast drying and optimal coverage, keep the natural beauty of the wood structure.

They are available in both transparent and pigmented versions, strictly monocomponent version.

## Brush topcoats

The details presented in the previous section are also available in special version, for brush applications.

The particular formulation and the presence of special additives, allow to apply them on raw wooden substrates or on existing painted ones, like maintenance products during a restore.

The mechanical characteristics and chemical-physical properties of these products remain unchanged, if compared to the version for spray application, in particular the excellent wetting of the substrate and levelling.

They are available in both transparent and pigmented versions, strictly monocomponent version.



## 06

## TOPCOATS



## WOE160G

**Clear matt thixotropic honey shaded topcoat**

WOE160G is a clear thixotropic topcoat. It is suitable for fixtures, doors, windows and shutters painting.

It is characterised by good levelling, blocking resistance and verticality.

Available gloss levels 30% and 45%. Colourless version available.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

## WOE1400G

**Clear matt thixotropic waterborne topcoat**

WOE1400G is a clear matt waterborne topcoat for exterior joinery in general, characterized by good covering power and optimal transparency, verticality and levelling. It is formulated to be resistant to atmospheric agents, additional features are the optimal elasticity, water resistance and blocking.

This topcoat is suitable for joinery, windows and frames.

Available gloss level: 30 gloss. It is recommended to apply this product properly tinted, in order to increase its resistance towards solar radiation.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray



## WOE1600G

**Clear matt thixotropic honey shaded topcoat**

WOE1600G is a clear matt honey shaded thixotropic waterborne topcoat for exterior joinery in general, characterized by high early water resistance, high blocking resistance and verticality.

This topcoat has good filling power and smooth handfeel, once fully cured.

Available gloss level: 30 gloss. Colourless version available.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

## WOEP310

**White matt topcoat**

WOEP310 is a white thixotropic topcoat totally odourless. It is characterised by high coverage and good elasticity.

Available gloss levels 15% and 30%.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray





## TOPCOATS

### WOEP420

#### White matt pigmented topcoat

WOEP420 is a pigmented matt topcoat for entrance doors. It features good verticality and softness to the touch, besides excellent resistance to blocking, included the typical rubbery effect on the surface of the coating film shortly after application.

Available gloss levels 15% and 30%.

#### Recommended use

- ✓ Windows
- ✓ Entrance doors

#### Method of application

- ✓ Spray



## BRUSH TOPCOATS

### WOE2004

#### Clear matt topcoat for brush application

WOE2004 is a matt honey shaded topcoat characterised by good transparency, elasticity and blocking resistance. It is suitable for brush applications.

The available opacity is 30 gloss.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors
- ✓ Maintenance

#### Method of application

- ✓ Brush

### WOE2005

#### Clear colourless matt topcoat for brush application

WOE2005 is a matt topcoat characterised by good coverage, transparency, elasticity and blocking resistance. It is suitable for brush applications.

The available opacity is 30 gloss.

To increase the protection towards UV sunlight it is warmly recommended to add specific pigments of WCE series.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors
- ✓ Maintenance

#### Method of application

- ✓ Brush





# POLISHIELD

Durata Estrema

## POLISHIELD

The lasting of a coating system depends on many factors, including an adequate choice of the type of the wood to be painted, and the optimal coating system to achieve the desired performances.

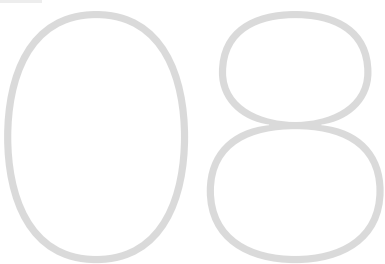
For the best durability of doors, windows and shutters, **Polistuc** recommends **POLISHIELD system**, consisting in a series of tinted preservatives, a clear sealer for spray application, a clear sealer for dipping application and a clear topcoat.

Such products can be properly tinted with WCE series of colorants or WPP series of pigmented pastes.

These products are formulated with special additives to increase stability to sunlight, mechanical characteristics and protection of coated substrates. If, in addition, a periodic and proper maintenance is performed, it is possible to preserve for a long time the natural beauty of the wood.

HIGH QUALITY





POLISHIELD

WIE10800

POLISHIELD

Clear preservatives series specific for conifers

WIE10800 series identifies preservatives for protection of exterior wooden substrates. Characteristics of this preservatives series are a good penetration into the substrate, good sliding properties and the very good colour uniformity, in order to avoid the presence of spots and the good colour homogeneity in softer and harder parts of the wood.  
WIE10800 series is studied and developed specifically for industrial applications with flow-coating.  
*This product contains particular additives to avoid that wood turns grey.*

Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

Method of application

- ✓ Dipping
- ✓ Flow Coating

WIE10400

POLISHIELD

Clear preservatives series for broadleaves

WIE10400 series identifies preservatives for protection of exterior wooden substrates. This series is studied for industrial applications by flow-coating system, so it is formulated to reduce classic problems about impregnation of woods rich in tannin and fat substances, such as bad sliding and spots appearance.  
*This product contains particular additives to avoid that wood turns grey.*

Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

Method of application

- ✓ Dipping
- ✓ Flow Coating

WFE10001

POLISHIELD

Clear sealer - Dipping application

WFE10001 is an intermediate monocomponent product studied for industrial applications with dipping and flow-coating systems for fixtures painting.  
*The product contains particular additives to improve the durability of the painted wooden surface.*

Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

Method of application

- ✓ Dipping



WFE10000

POLISHIELD

Clear sealer

WFE10000 is a clear monocomponent sealer, specifically developed for fixtures painting.  
*The product contains particular additives to improve the durability of the painted wooden surface.*

Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

Method of application

- ✓ Spray

WOE10500G

POLISHIELD

Clear thixotropic topcoat honey shaded

WOE10500G is a clear thixotropic topcoat. It is suitable for fixtures, doors, windows and shutters painting. It is characterised by very good levelling and blocking resistance. Colourless version available. Available gloss level 30%.  
*This product contains particular UV filters, which protect the painted surface towards solar radiation.*  
*Product included in CQA certification.*

Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

Method of application

- ✓ Spray

WOEP309G

POLISHIELD

White waterborne topcoat

WOEP309G is a white thixotropic topcoat formulated for coating doors, windows and shutters. This product is characterised by high coverage, good scratch and blocking resistances.  
This product can be pigmented with the WPP series waterborne pastes.

Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

Method of application

- ✓ Spray





# POLIPVC

Polistuc

PVC is a rigid, stable and non-deformable polymeric material that, when properly mixed with variable percentages of inorganic or plasticising compounds, can change into a flexible and mouldable material.

Over the past decade its application in the furnishing and construction sectors has increased considerably, thanks to the above-mentioned characteristics. In particular, it is widely used to manufacture doors, windows, joinery in general, canopies, gazebos, etc.

However, being sensitive to temperature and exposure to sunlight, it requires adequate protection to ensure that its technical performance can be similar to wooden items.

It can be pigmented, making it perfectly adaptable to existing architectural designs, even when it includes materials of different natures, such as wood and metal.

To make it suitable for outdoor use, it must be protected with adequately formulated coating products capable of bestowing on the support the necessary resistance to yellowing, weathering, pollution and temperature variations during the year.

To this aim, the R&D Division of Polistuc has developed a range of waterborne products for PVC coating with low environmental impact, that allow to customise furnishing elements, doors, joinery or external structures in relation to the demands of architects, designers, interior decorators and end customers.

The technical solutions developed, available in both mono and bicomponent versions, offer an extensive range of colours to customise PVC items chosen for interior and exterior furnishing purposes. Polistuc therefore offers a complete waterborne coating system, characterised by optimal surface hardness and adhesion. High resistance to yellowing, excellent covering power and optimal elasticity complete the distinctive features of this product range.

## PWC001

POLIPVC

### Clear monocomponent waterborne converter

PWC001 is a monocomponent thixotropic converter for PVC, used to formulate medium and dark colours through the addition of waterborne pigmented pastes WPP series.

The gloss level is 30%. It also features optimal elasticity and good resistance to weathering, and it is easy to use.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

#### Method of application

- ✓ Spray

## PWC130

POLIPVC

### White monocomponent waterborne topcoat

PWC130 is a white thixotropic monocomponent topcoat for PVC that can be pigmented with WPP series waterborne pigmented pastes to achieve pastel colours.

The gloss level is 30%. It also features optimal elasticity and resistance to weathering, and it is easy to use.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

#### Method of application

- ✓ Spray

## PWCB001

POLIPVC

### Clear bicomponent waterborne converter

PWCB001 is a bicomponent thixotropic converter for PVC, used to formulate medium and dark colours through the addition of pigmented waterborne pastes WPP series.

The gloss level is 30%. It must be added with hardener at 30% on average, depending on the desired final colour. The addition of the hardener further enhances the coating film's mechanical properties and adhesion to the support compared to the monocomponent version. It also features optimal elasticity and good resistance to weathering.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

#### Method of application

- ✓ Spray

## PWCB130

POLIPVC

### White bicomponent waterborne topcoat

PWCB130 is a white thixotropic bicomponent topcoat for PVC that can be pigmented with WPP series waterborne pigmented pastes to achieve pastel colours.

The gloss level is 30%. It must be added with hardener at 25%. The addition of the hardener further enhances the coating film's mechanical properties and adhesion to the support compared to the monocomponent version.

It also features optimal elasticity and good resistance to weathering.

#### Recommended use

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

#### Method of application

- ✓ Spray



## 10

## STAINS

The clear systems include the application of a tinted impregnating agent to reach the desired shade. It is generally uniform, and does not require any tint correction.

Otherwise, or in case of changing the basic colours of Polistuc preservatives, there is a series of colorants available, prediluted in water, useful to reproduce a wide variety of different colours, in order to satisfy any request of the customer.

The addition of these stains is very easy, they are perfectly miscible

not only between them and into preservatives, but also in sealers and topcoats, whether by spray or brush, included in this catalogue.

These stains contain pigments based on iron oxides, having a high resistance to solar radiation. The addition provides an increase of uniformity and colour stability to light in time.

It's recommended to add percentages included in the range 0,5 – 2,0 % of desired stains mixtures to sealers and/or topcoats.

### WCE SERIES - Waterborne tinting stains.

**WCE1040** BLACK STAIN

**WCE1202** YELLOW STAIN

**WCE1601** RED STAIN

**WCE1717** REDDISH PURPLE STAIN

This is a series of concentrated stains formulated with iron oxides, characterised by a very high light resistance. They are suitable for tinting of preservatives, sealers and topcoats.

#### Recommended use

- ✓ Tinting of preservatives, primers and finishes for outdoor applications



## 11

## TINTOMETRICAL SYSTEM

**Polistuc Colour Passion** tintometrical system is conceived and structured to allow to final users or stores to reproduce a wide range of high quality pigmented topcoats. Thanks to each component of the system, it is possible to reproduce accurately, quickly, easily and consistently colours included in commonly used colourcharts, like RAL, NCS, Pantone, Sikks, etc.

In this way it is possible to ensure high quality performances to the coatings, just if they came directly from production department of Polistuc, one of the leading companies in wood coatings market.

All Polistuc coatings and pigmented pastes are formulated and produced in our facilities, in Italy, this means that final quality and constancy of characteristics are checked daily, in order to provide to the final user high quality coatings or customised ones.

This system is successfully applicable to monocomponent pigmented products for exterior.



colour passion hq

HIGH QUALITY WOOD RANGE

## 16 PASTE PIGMENTATE

**WPP10** - White paste

**WPP23** - Cold lemon yellow paste

**WPP26** - Cold sun yellow paste

**WPP22** - Oxide yellow paste

**WPP24** - Warm lemon yellow paste

**WPP30** - Orange paste

**WPP31** - Oxide red paste

**WPP25** - Warm sun yellow paste

**WPP40** - Phtalo blue paste

**WPP50** - Deep black paste

**WPP50C** - Black paste

**WPP32** - Bright red paste

**WPP60** - Green paste

**WPP70** - Bordeaux paste

**WPP80** - Violet paste

**WPP71** - Magenta red paste

## 2 BASI BIANCHE

**WOEP310** - White matt base

**WOEP420** - White fast drying matt base

## 2 BASI TRASPARENTI

**WBE02** - Clear matt base for topcoats

**WBE03** - Clear matt base for topcoats



## Converters and pigmented pastes

**Polistuc Colour Passion HQ tintometrical system** can be applied successfully to topcoats applied by spray, by brush and pigmented sealers. **Polistuc** converters are colourless and easily miscible with WPP pastes and give to products optimal mechanical-physical performances and final aspect.



# 12

## CONVERTERS



### WBE02

**Clear converter for pigmented topcoats**

WBE02 is a clear matt converter developed for pigmented products.  
The percentage of WPP pastes to be added is included in the range 4 - 8%.  
Very good the coverage and pore marking.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

### WBE03

**Clear converter for pigmented topcoats**

WBE03 is a clear matt converter developed for pigmented products.  
The percentage of WPP pastes to be added is included in the range 4 - 8%.

**Recommended use**

- ✓ Windows
- ✓ Shutters
- ✓ Entrance doors

**Method of application**

- ✓ Spray

# 13

## PIGMENTED PASTES

### WPP SERIES

WPP is a series of pigmented pastes characterised by optimal colour stability and versatility of use in all waterborne Polistuc converters. It is possible to achieve a wide range of colours from pastels or off-white to intense or brilliant colours.

**WPP10** - White paste

**WPP22** - Yellow oxide paste

**WPP23** - Cold lemon yellow paste

**WPP24** - Warm lemon yellow paste

**WPP25** - Warm sun yellow paste

**WPP26** - Cold sun yellow paste

**WPP30** - Orange paste

**WPP31** - Red oxide paste

**WPP32** - Bright red paste

**WPP40** - Phtalo blue paste

**WPP50** - Deep black paste

**WPP50C** - Black paste

**WPP60** - Phtalo green paste

**WPP70** - Bordeaux red paste

**WPP71** - Magenta red paste

**WPP80** - Violet paste

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## MAINTENANCE PRODUCTS

The lasting of a wooden substrate coated with waterborne products increases considerably if periodic maintenance is performed, cleaning and renewing the existing paint film.  
Polistuc therefore provides a range of maintenance products which allow to clean properly and restore entrance doors, windows, shutters, blinds, garden furniture, painted with both clear and pigmented systems. It is suggested to carry out maintenance every six months, cleaning the coated surface with a neutral detergent to remove grease, dust, smog and salts that are deposited naturally during a season, due to action of

wind, rain and air pollution.  
If the paint film is still perfectly intact, it is recommended to apply a brightener, which allows to restore the initial water repellency and soft feel, along with aesthetic aspect.  
In case of minor damages of the paint film, it is possible to quickly and easily restore it, through the use of Polistuc topcoats applicable by brush, mentioned before, after sanding of the damaged area.

### ID1200 Neutral detergent for wood

ID1200 is a neutral detergent for daily cleaning of painted or not painted wooden substrates.  
This particular formulation rich of natural soaps carries out cleaning and nutritional actions on painted surfaces.  
The product is ready to use. It is pleasantly scented and it doesn't requires rinsing.

### ID1300 No grey wood regenerant

ID1300 is a waterborne product suitable to remove the grey colour of old wood caused by atmospheric agents.

### IR1100 Fixture's renewal

IR1100 is suitable for maintenance of wood substrates painted with waterborne products.  
This high quality product is developed for the protection of the paint to preserve it by atmospheric attack and solar radiation.

### IR2100 Wood care

IR2100 is a waterborne product which contains waxes emulsions. It is studied for maintenance and protection of fixtures and general painted surfaces. The Wood Care gives brilliance, soft feel, depth and restores original water repellency of paint.





NOTE

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## NOTE