

## *TECHNICAL DATA SHEET*

**NAME: WATERBASED PRECAT WHITE PRIMER**  
**COD: 9105BI**



**WBPC WHITE PRIMER** is a white base coat for interior, water based. It's expressly developed to paint wooden articles for indoors such as doors, furniture and timber joinery and.

It has excellent characteristics of desiccation and hardness, so that it can be compared to the traditional polyurethane base coats. It has a low solvent content and a good behaviour if applied "vertically".

**WBPC WHITE PRIMER** has been developed for the professional user, it's very fast in drying and it has good "wetting properties" of the wood pore.

**USE:** indoor furniture and doors.

**Suggested woods:**

MDF – Tanganika Walnut– Tulipier

**Unsuggested woods:**

Latifoglia woods (tannin containing) – Conifer wood with resins.



**ARTICLE PREPARATION**

Apply directly on wood properly sanded with 320-400 abrasive grain a layer of 100 microns of **WBPC WHITE PRIMER**.

After drying, apply a putty where necessary, weakly sand and apply a second layer of 100 of **WBPC WHITE PRIMER**.



**APPLICATION:** Spray

The product is ready for spraying at range temperatures (with no dilution); in the cold seasons, if needed, rather than water dilution it is advisable to use a pre-heater set between 35°C and 45 C° (95°F and 113°F). In the hot seasons a 5-10% water dilution is suggested, working with pre-heater set on 35°C (95°F).

The viscosity of the product allows applying 100 microns of "humid" thickness without "drops"; we do not suggest higher film thickness because the further sanding and the vertical properties could be compromised.

It's possible to apply more coats of **WBPC WHITE PRIMER** in between 3-4 hours; more than this time limit we suggest to wait until the complete

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drying (24 hours), than sand and apply the next layer of coating. In this case it's also advisable to add 10-15% of water to the mixture to better improve the penetration in the wood pore.

Good ventilation speeds the drying time.

Gun nozzle: airless 09 fixed, 015 adjustable                      pressure 4 bar  
                    cup gun                      1.8    pressure 3.5 bar

It's important that the spray gun does not have any solvent paint residue, left from the previous applications. We suggest cleaning the paint tools after the use.

For a perfect cleaning use "IDRO-CLEANER".

**N.B.**

store at temperatures above 5°C.



**TECHNICAL CHARACTERISTICS**

Yield    : about 200-250 gr./ m<sup>2</sup> each coat (= 4-5 m<sup>2</sup>/Kgs.)  
Viscosity                                        : 90 - 100 sec. CF 4  
Solid content                                  : 58%  
Volume density                                : 1,4 KGs./dm<sup>3</sup>



**DRYING**

Dust free                                        :15 minutes  
Touch free                                        :60 minutes  
Sanding    :with abrasive paper 320-400 grain (zinc stearate type)

These values are subject to important variation due to the working temperature; in the hot seasons the vertical performance and the "grip" is lower. We suggest to paint in controlled temperature ambient (more than 16°C / 60°F), possibly with a pre-heater equipment for the paint and to keep the coat container in a warm place for 24 hours before using it.



**PACKAGING:**                      5 Kg. 10 Kg. 25 Kg..

**SPECIAL WARNINGS**  
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**Tannin:** pay attention to the kind of wood you're about to paint, because oak, ash, chestnut, iroko, niangoon, meranti and exotic hard timbers with big pore normally contain inhibitors substances that are subject to come out if the goods are water painted. This event is not always regular, so it's hard give an explanation, find a treatment and mostly it's not immediately pointed out.

If the tannin outgo is seen (with small volcano's craters cylindrical), we suggest sanding the surface and recovering with a new film of paint.

**Cleaning:** because of the less chemical resistance of the water based paint compared with the traditional solvent base paint, we suggest to clean the article with water and a neutral detergent (the best is out **(NEUTRAL DETERGENT)**). Ammonia or alcohol based solution may seriously damage the film of the paint. We suggest cleaning the surface almost twice a year to reduce at the lower lever the chemical attack by acid rains and atmospheric pollution.

**Blocking:** although this product is provided with a good blocking resistance, it is a thermoplastic paint. We suggest evaluating case by case the stock condition of the painted articles, avoiding to heap up the goods to reduce the surfaces contact.

**Glueing:** always previously check the kind of glue you're about to use with a water-based paint to avoid removal, detaching or others problems (especially when using veneers).

**Sealers:** before using water based products, always verify the perfect compatibility of silicones and gaskets with the paint itself. Best results are obtained with neutral silicones and neoprene base gaskets. Always verify the suitability of the product for the job to be done before application. We can not accept responsibility for the outcome. This technical data sheet is an official document of VERNITES S.N.C. There is no personal signature on it because it is issued by an automatic system.

*Due to the great variety of the timbers employed in the manufacture of wooden articles, and to verify the isolation of the tannic substances, of the resins or all the others compounds that can interact with the film and compromise the final result, it is always necessary to make some previous tests.*

*The information reported in these sheets is based on our best knowledge's. It cannot be considered as our warranty or undertaking of responsibilities. For any possible argument not treated in this technical data sheet, call our technical support. All the mentioned painting cycles are intended for dimensional fixed supports, using timbers prepared in the optimal conditions (weathering, humidity, etc.). This sheet replaces all the previous ones.*

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