

TECHNICAL DATA SHEET

INDOOR WATER BASED PRODUCTS

NAME: ACQUAPUR PACK 2K SERIES INCOLORE

COD: 9250

 **ACQUAPUR PACK 2 K** is a polyurethane two pack “cross-linking” white top coat, water based, expressly developed to paint wooden articles for indoor such as doors, furniture and turned articles.

It has so very good characteristic of covering, scratch resistance, drying time, and can be compared with the traditional polyurethane top coats.

Available 15-30-50 gloss versions.

It is “solvent-free” and has good behaviour if applied “vertically”.

ACQUAPUR PACK 2 K has an excellent value for money. With its employ, good results in term of wood pore covering and sanding are assured.

It can only be used in combination with its polyisocyanate hardener (10% vol. of CW 7500) otherwise it doesn't cure.

USE: indoor furniture and doors.

ARTICLE PREPARATION

Sand the wood with abrasive paper 180-220 grain due to the wood kind chosen. Then proceed with one or more coats of **ACQUAPUR FOND 2K INC**, due to the degree of wood covering and thickness result.

Then proceed with one coat of **ACQUAPUR PACK 2 K**.

APPLICATION: Spray

The product can only be used if combined with its hardener **CW 7500** (10% volume ratio), otherwise it doesn't cure. The mixture allows great chemical resistance in a longer time.

The mixture preparation is so resumed:

- 1.Weight the 10% volumes of hardener **CW 7500**
- 2.Add the hardener into **ACQUAPUR PACK 2K**, keeping on blending for at least 1 minute.
- 3.Dilute with water (suggest the demineralised kind).
- 4.Spray.

The pot-life is about 3 hour max, so it's advisable to prepare only the mixture you're about to employ.

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It's impossible not to recover the "over spray" because it could contain particles of dried product.

It's possible the use of "drying ovens" to speed the drying time. Do not use any pre-heater.

In the hot seasons a 5-10% water dilution is suggested, while in winter we recommend to ambient temperature > 15°C (65°F).

The viscosity of the product allows to apply 120-150 microns of "humid" thickness without "pin-holes"; we do not suggest higher film thickness because the sanding and the vertical properties could be compromised.

Good ventilation speeds the drying time.

Gun nozzle: airless 09 fixed, 015 adjustable pressure 4 bar
cup gun 2,0 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 "HIDRO-CLEANER".

N.B.

store at temperatures above 5°C.



TECHNICAL CHARACTERISTICS

Appearance	: medium viscosity liquid
Viscosity	: 2000-2200 Cps.
Solid content	: 38%
Volume density	: 1,05- KGs./dm ³
Pot life	: 3 hours
Shelf life	: 6 months.



DRYING

Dust free	:30 minutes
Touch free	:3 hours
Handing	:12 hours
Recoatable after	:12 hours

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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.

 **STORAGE**

Warning: keep away from frozen. Do not store at temperature less than 5°C / 41°F

SPECIAL WARNINGS

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 **HIDRO-CLEANER**). 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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