



Technical Data Sheet

PRODUCT	TDS 500
DESCRIPTION	STAIN BLOCKING ISOLATOR FOR EXTERIOR USE WITH KLIMA NANO TECHNOLOGY
SECOND COMPONENT	40% TX90 HARDENER
THINNER	10-20% TZ33 FOR SPRAY APPLICATION 10-20% TZ13 FOR BRUSH APPLICATION
MAIN FIELDS OF USE	Solvent based clear isolator for substrates rich in tannins and resins. Use with ILVA Klima water based cycles clear and pigmented. For use with outdoor applications to stop bleeding .

FEATURES OF READY TO USE PRODUCT

Specific gravity	0.970 ± 0.020 g/ml
Solid content	35% ± 2%
Viscosity (CF6)	25" ± 2"

POT Life at 20°C/68°F **3 Hours Max with hardener TX90 added.**

APPLICATION	QUANTITIES	COATS
Spray airless/airmix/brush	120 - 150 g/m ² 5/6 Mils	One

PRODUCT PROPERTIES AFTER APPLICATION

Drying time at room temperature - dust free	20 '
Drying time at room temperature - touch dry	2 h
Hard dry at room temperature –	24 h
Sandable to recoat (minimum after)	3h

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REMARKS

- Apply to the wood surface impregnator PN tinted stain series or TN clear. Selecting soft or hardwood series. When Impregnator is completely dry min 2h apply 1 coat of TDS500 stain blocker. Then sand with 220 grit. Then apply 2/3 heavy coats of Klima top-coat TN931 series, or Klima PN6B or Klima pigmented coating.
- Klima top coats must have a total 20 mils wet applied for maximum protection.

SHELF LIFE

- 8 months from delivery date if stored in its original packaging.

STORAGE INDICATIONS

- Store in a tightly closed container at room temperature 18-25°C,64-75°F and protect from moisture and foreign material.

Emission Date: July 2012

Revision nr: III

IMPORTANT: Since every single panel or any other substrate, even if of the same chemical nature, can be theoretically different than the previous one and possess chemical and physical properties which can greatly influence the end-results of the applied coating, and considering that the mixing, catalysis and diluting operations are not under our strict control, nor are temperatures, air humidity and technical features of the various installations, which can also effect the end-results, subject to our personal decision at the time of application, it is impossible for our Company to assume any responsibility whatsoever in regard to the results obtained with the use of our products.

Furthermore we underline the fact that in industrial applications, a tolerance of 5% in the overall results is considered normal and is definitely not caused by the quality of the products employed.

The technological information contained in the present technical data sheet are based on the average results obtained with the tests effects in our laboratories, and as such represents the most complete informant and technological experience available in the wood coating field.

Our company instead gives the maximum assurance as to the constancy of the chemical and physical properties of our products within the tolerance limits indicated on our technical data sheet. Our Company is also always ready to substitute any of our products, whenever the properties do not correspond to the information given in our technical bulletins.

Nevertheless, the end-results obtained are under the complete responsibility of the end-user, who has the obligation to verify if the properties of the specific products in use correspond to his particular requirements, and if the ambient conditions, application, installation and substrates might eventually indicate substantial modifications of the products involved.

All the information in our technical data sheet has been obtained at a temperature of 20° Centigrade and at a relative humidity of 70%.

At the bottom of our technical data sheet, You will find a date and a progressive number. We request You have your own personnel to control the edition in your possession as all technical information is always susceptible to eventual modification with the passage of time.

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