



Technical Data Sheet

PRODUCT	TN40
DESCRIPTION	THIXOTROPIC FILLING SEALER BASED ON WATER-BASED ONE-COMPONENT FOR WOOD PROTECTION. ALLOWS APPLICATION OF HIGH PRODUCT THICKNESS IN ONLY ONE-COAT WITHOUT RISK OF LEAKING
MAIN FIELDS OF USE	Woodwork for outdoor and indoor use, pre-coated with KLIMA series AQUATECH impregnating stains.

CHEMICAL-PHYSICAL PROPERTIES

Specific gravity	1.030 ± 0.02 gr/ml.
Solid content	37% ± 2%
Viscosity (Brookfield Aspo 4 speed 2,5)	17.000 - 19.000

PRODUCT USE

		<i>In weight</i>	<i>In volume</i>
Dilution	Water	0-5% (if necessary)	

FEATURES OF READY TO USE PRODUCT

Viscosity (REGULATION)
Gloss level

APPLICATION

Spray (air; airmix; airless),
Brush

QUANTITIES

200-250 gr/m² (wet film)

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PRODUCT PROPERTIES AFTER APPLICATION

Room temperature drying	at 20°C good ventilation
Hot air tunnel drying (at 35°-40°C)	90'
Dust free/time gel	20'
Touch dry	2 h
Hard dry	12-16 h
Sandable after (time)	12-16 h



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REMARKS

SUGGESTED COATING CYCLES

CYCLE N°1: HIGH QUALITY WITH THIXOTROPIC TOP COAT

Substrate:	Pine (conifers)
Impregnating:	PN 3/colour - 1 coat 6h. drying
Sealer:	TN 40 - 1 coat – 12h. before sanding
Top coat:	TN 931 - 1 coat

- Some woods (oak, fir, chestnut) contain substances that react, in presence of water, with iron producing small black-bluish spots on the surface. Since it's possible to confuse by mistake these spots with blue fungi, avoid to use wool steel to sand wood surface.

- Use plastic or stainless-steel containers for pouring and application.

- THE PRODUCT COULD FROST: PLEASE STORE PROPERLY AT A TEMPERATURE NOT LOWER THEN 5°C.

- In case on spray application with airless guns, we recommend to dilute the product by 3-5% to help air release during film-forming.

- PLEASE NOTE: Drying time can varies according to temperature, ventilation and relative humidity. Avoid humidity accumulation that usually occurs when coated items are stacked piled up. Minimum room temperature during application and drying should not be lower than 15°C.

- Items already coated with TN 83/colour series top coats should be brushed from dust and other residuals, eventually slightly sanded, and top-coated with 1 or 2 coats of the same products, at a distance of 24 h and after sanding.

Storage indications

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

SHELF LIFE

- 6 months from delivery date, within original packaging.

Emission date: September 2009

Rev. N. :

IMPORTANT: Since every single panel or any other substrate, even if of the same chemical nature, can be theoretically different then the previous one and posses 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.

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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.