



Technical Data Sheet

PRODUCT	KKR1
TECHNICAL DEFINITION	WHITE PU TOP COAT, 20 GLOSS
MAIN FIELDS OF APPLICATION	Spray application for flat surfaces, assembled furniture, chairs and furniture in general.

CHEMICAL-PHYSICAL PROPERTIES

Specific gravity	1.280 ± 0,01 gr/ml
Solid content I component	67% ± 1%
Solid content II component	
Viscosity (CF4)	65" ± 5"

PRODUCT USE

	<i>In weight</i>	<i>In volume</i>
Catalysis	50% LNB 77	
Dilution	LZC 1026-LZC 8643	

FEATURES OF READY TO USE PRODUCT

Solid content I + II component	
Pot-Life	
Viscosity (REGULATION)	
Gloss level	20 gloss

APPLICATION	QUANTITIES	DILUTION
Spray	150 gr/m2	10-30%
Electrostatic spray		
Curtain		
Dipping		
Brush/roller		

PRODUCT PROPERTIES AFTER APPLICATION

Drying schedule at room temperature
Drying with hot air tunnel
Dust free/time gel
Touch dry
Hard dry
Sandable after (time)
Time between layers without sanding
Time between layers

Overcoatable with top-coat after (min / max)

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REMARKS

- The availability of different colours is ensured.
- This system ensures an high easiness of mixing for different KMT bases with different converters, expressly predisposed for the preparation of the colours in different opacities: OP20 (matt), OP10 (matt), OP50 (semi-glossy), OP100 (glossy). It is possible to mix different converters KGA1, KGA2 and KGA4 to obtain intermediate opacities.
- The pigment inside the KMT bases have been selected to obtain high chemical and physical resistances and stability in the course of time and they are compliant with the European Standards
- For light colours, use of white converters with the addition of pastes in a ratio up to 100/10;
- For dark colours, use of neutral converters with the addition of pastes in a ratio up to 70/30
- To improve the reproducibility of the formulations shaped with Kromosystem, we recommend to don't use old or expired products because the colorimetric output could be change in the course of time.
- The percentages of catalyst and dilution above mentioned are in weight.
- To obtain an excellent not yellowing property, for white and pastel colours, we recommend to use, like second component, LNB19 (for matt cycle) and LNB110 (for glossy system) at 50%.
- To obtain a correct hardening we recommend to work in rooms over 15°C; with lower temperatures the technical features of the products are modified.
- Even if the pot-life is 3h minimum at 20°C, we recommend to use the prepared quantitative before 1h, to obtain better results about brilliance and flow out .
- To obtain best results the suggested sealer is the sanded blocked polyester, (paper number 280-320-400).
- PU sealers give lower results: removal and sag phenomenon could happen.
- The complete hardening is necessary before the polishing process: 3-7 days (depend on the environmental temperatures).

RACCOMANDED COATING SCHEDULES

- | | | |
|----|-------------|---|
| a) | - SUBSTRATE | Medium Density, different kind of wood |
| | - BASE COAT | 1 - 2 hands LPA-VBA-LRR series polyester sealers |
| | - TOP COAT | 1 - 2 hands KHR series glossy Kromosystem |
| b) | - SUBSTRATE | Medium Density, different kind of wood |
| | - BASE COAT | 2 - 3 hands LBR series-Pigmented PU sealer-LRR Polyester sealer |
| | - TOP COAT | 1 - 2 hands KKR series matt Kromosystem |

SHELF LIFE

- 8 months from delivery date

Storage indications

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

Emission date: June'04

Revision nr: IV



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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 affect 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.