Technical Data Sheet

PRODUCT	**LBR30**
TECHNICAL DEFINITION	**WHITE POLYURETHANE SANDING SEALER**
MAIN FIELDS OF APPLICATION	**All types of spray application. Used on solid wood, veneer, medium density and PU moulding. Excellent sanding by hand, uniform colouring of wood grain, good wetting and tix properties. Excellent hold out for top coats.**

CHEMICAL-PHYSICAL PROPERTIES

Specific gravity	**= 1,320 ± 0,01**
Solid content I component	**= 67% ± 2%**
Solid content II component	**= 25% ± 1%**
Viscosity (CF6)	**= 25" ± 1"**

PRODUCT USE

	In weight	*In volume*
Catalysis (***LNB 77***)	***40%***	
Dilution (***LZC 1026 - LZC 1051***)	***10%***	

FEATURES OF READY TO USE PRODUCT

Solid content I + II component	**= 58% ± 2%**
Pot-Life	**= 3 h.**
Viscosity (CF 4)	**= 31" ± 1"**
Gloss level	

APPLICATION	*QUANTITIES*	*DILUTION*
Spray		
Electrostatic spray		
Curtain		
Dipping		
Brush/roller		

PRODUCT PROPERTIES AFTER APPLICATION

Drying schedule at room temperature	
Drying with hot air tunnel	
Dust free/time gel	**= 20'**
Touch dry	**= 50'**
Hard dry	**= 12 h**
Sandable after (time)	**after 6 h.**
Time between layers without sanding	**= 1 - 3 h.**
Time between layers	

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Overcoatable with top-coat after (min / max)	**after 12 h.**

REMARKS

RACCOMANDED COATING SCHEDULES

a)

- SUBSTRATE Massive wood, MDF.
- INSULATOR LQA 836 1 hand
- BASE COAT LBR 30 - White PU Sealer 1 hand
- FINISH LKR series – PU coloured matt finishes
  LHR series – PU coloured glossy finishes

N O T E S

- To obtain the best results in hold-out of glossy top coats, it is advisable to use a mixed combination of transparent polyurethane sanding sealers, together with the black LBR 30 coating.
- When LBR 30 is to be used with either disc or cup type electrostatic equipment, it is preferable to catalyze the coating with 50% of LNB 102 instead of LNB 77 and to thin either LZC 10 or LTC 4.
- Bear in mind that with all particular substrates that have low dimensional stability, such as ply wood compositions and laminar layers, there is always the risk of cracking especially when thick layers of sealer are applied or formed inside deep crevices. Check these problems before starting up production.
- When using MDF particle board substrates and PU mouldings remember that the quality of products supplied varies with the individual producers. Once again it is advisable to test the suitability of the specific coating schedule on the substrate available before starting production.
- It is not advisable go over the total gr/m2 upon mentioned.
- Catalysis at 40% is in weight. In volume catalyse at 60%. In case of not a good dimensional stability of the substrate it is advisable to mix LBR 30 with a 20% - 25% of a transparent sealer (LBA 22 – LBA 26).
- LBR 30 can be coloured with the pastes of the LMT series.
- Dilution percentages are indicative.
- Shake well before using.

SHELF LIFE

- Shelf-life (from delivery date):

part A **= 8 months**

part B **= 4 months**

Storage indications

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

Emission date: July ‘95 Revision nr: I

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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.
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 a nd 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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