

Technical Data Sheet NR 20217

TRANSPARENT MONOCOMPONENT WATER BASED BRUSHABLE MATT TOP COAT

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PRODUCT: LA821PN TRANSPARENT MONOCOMPONENT WATER BASED BRUSHABLE MATT TOP COAT

DESCRIPTION: transparent monocomponent water based matt top coat for outdoors with good surface hardness and chemical resistance. Good resistance to blocking and water in short times.

USE: garden furniture, benches, urban furniture and other wooden items for outdoors

SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: opalescent viscous liquid
Solid content %: 33 ± 2

Gloss: 30 ± 3 (glossmetre 60°)
Minimum temp. of film formation: 10 °C
Light fastness: excellent

SUBSTRATE: wood treated with our impregnating agents, intermediate impregnating agents and water based base coats for outdoors

APPLICATION: By brush using brushes with acrylic bristles, by spray with pneumatic or airmix, pistols.

METHOD OF APPLICATION:

- 1) cup pistol: 1,9 - 2,5 mm nozzle, pressure 3,5 - 4 bar.
- 2) aerograph for thixotropic products article 001658U15, pressure 2.5-3.5 bar.
- 3) airmix: 9 - 11 nozzle, material pressure 80 - 110 bar, air pressure 1,5 - 2 bar.
- 4) airless: 11 - 13 nozzle + preatomisation, material pressure 100- 120 bar. The use of preatomisers does not increase atomisation but eliminates turbulence and uniforms the jet of particles.

PREHEATERS:

In the winter it is advisable to use preheaters (t= 30-35°C) to help degassing, transparency and distension of the paint.

CLEANING: wash the equipment immediately after use with water. To remove dried films of paint use thinner D1057, leaving to soak overnight and then rinsing with water.

OVERCOATING: with itself after at least 4-6 hours at 23°C and 65% R.H. without intermediate sanding. After 12-24 hours at 23°C and 65% R.H. it is necessary to sand before coating with spaced grain 320 paper.

DRYING:

Touch dry: approximately 1 hour at 23°C and 65% R.H.
Completely dry: 7-10 days at 23°C and 65% R.H.
Stackable: after 24-48 hours at 23°C and 65% R.H.

DILUTION: ready to use.

If necessary it can be diluted with water, preferably demineralised, up to 5% max.

QUANTITY TO APPLY: by brush 70-100 µm of wet film

NUMBER OF COATS: maximum two

INTERVAL BETWEEN COATS: 4-6 hours without sanding at 23°C and 65% R.H.; 12-24 with intermediate sanding at 23°C and 65% R.H.

STORAGE INFORMATION: store the product at temperatures above 5°C and below 35°C

SHELF LIFE AT 20°C: 12 months in correctly stored unopened tin

SAFETY ADVICE: the product is not hazardous according to EEC norms

NB:

- 1) apply and dry with temperatures of minimum 15°C and maximum 65% R.H.
- 2) wait until the film is completely dry before exposing the painted items to outdoors. Drying normally requires 7-10 days at 20°C and 60% RH. Quantities of paint applied superior to those indicated, shorter intervals between coats and drying in unsuitable conditions can noticeably prolong the complete evaporation of the coalescent and of the water in the film of paint, creating, on pieces exposed to outdoors, the formation of white haloes during cold or humid weather, and the formation of air bubbles and problems of blocking in hot weather.

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SPECIFICATIONS OF SUPPLIED PRODUCT CHARACTERISTICS	UNITS	VALUE	METHOD
Specific gravity at 20°C:	g/ml	1.03 ± 0.05	MP01
Visc. F.C. 4 at 20°C:	sec	110±10	MP04
Fineness:	µm	20 max.	MP12
pH value:	/	8.0 ± 0.5	MP13

The quality control value of the viscosity refers to the product immediately after checking. Any variations of the data specified in the technical data sheet could be due to circumstances such as length and conditions of storage.

Always verify the suitability of the product for the job to be done before application. We can not accept responsibility for the outcome.

The information contained in this technical data sheet, as well as any verbal information, is given to the best of our knowledge. We do not accept responsibility for obsolete or incorrect information. The information is to be considered obsolete when a new technical data sheet is issued. Please feel free to contact us to request the latest edition.