

Technical Data Sheet NR 16725

TRANSPARENT BICOMPONENT WATER BASED POLYURETHANE MATT TOP COAT WITH NATURAL TOUCH EFFECT

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PRODUCT: NATURALTOUCH TRANSPARENT BICOMPONENT WATER BASED POLYURETHANE MATT TOP COAT WITH NATURAL TOUCH EFFECT

DESCRIPTION: transparent bicomponent water based polyurethane anti-yellowing natural touch effect top coat

USE: furniture and fittings for indoors

SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: opalescent liquid
Solid content %: 41 ± 2

Gloss: glossmetre 85°5 ± 2 gloss

Minimum temp. of film formation: 15 °C

SUBSTRATE: solid wood or veneer, even if chemically bleached. Wood stained with water insoluble colorants such as our CNA, CNS, TP.

APPLICATION: by spray with normal pistols (pneumatic, airless). Due to the very high viscosity of the product it is necessary to help atomisation using slightly smaller sized nozzles than those used for a solvent based product.

HARDENER: catalyse at 15% in weight with CA507. Incorporation of the catalyst must be done mechanically. See the relative technical data sheet for correct method.

DRYING:

Touch dry: 90-120 minutes at 25°C and 60% R.H.

Stackable: vertically after 24 hours at 25°C and 60% R.H.

DILUTION: with water up to 10% in weight, calculated on the catalysed mixture

QUANTITY TO APPLY: 130-200 g/m²

NUMBER OF COATS: one

POT LIFE at 20°C: 2 hours at 20°C, catalysed at 15% with CA507 and diluted at 10% with water

EXAMPLES OF PAINTING CYCLE:

cycle on solid wood:

- sanding of wood with grain 150-180 paper
- application of FA632-10% CA500 100 g/m²
- drying for at least 4 hours at 25°C and 65% R.H. and light sanding with grain 320 paper
- application of NATURALTOUCH -15% CA507, 130 g/m²

Cycle on solid wood with a single coat of paint

- sanding of wood with grain 320 paper
- wet the wood with water to lift the fibre of the wood
- sanding with grain 320 paper
- application of NATURALTOUCH -15% CA507, 130 g/m²

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

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

NB:

- the product can not stand freezing
 - do not use in temperatures below 15°C
 - mix carefully before use
 - incorporate catalyst CA507 carefully following the method on the technical data sheet of the catalyst
- Do not add cosolvents to the top coat as the matt level could vary slightly.

SPECIFICATIONS OF SUPPLIED PRODUCT

CHARACTERISTICS	UNITS	VALUE	METHOD
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Specific gravity at 20°C:	g/ml	1.06 ± 0.05	MP01
DIN Visc.:	sec	120 ± 20 DIN4	MP04
Fineness:	µm	20 max.	MP12
pH value:	/	7.5 ± 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.