

Technical data sheet PL/1245

NIPPOLIN POLY B MATT – WATER BASED

Dual-component matt water based polyurethane paint



Description

Finishing paint – bi-component water-based polyurethane, odourless and transparent.

For the protection and decoration of internal and external flooring and walls made of decorative microcement, plaster and wood.

The product is exclusively for professional use.

Characteristics

Excellent adhesion, good resistance to knocks and scratches, good lucidity. Guarantees protection against dust on micro-cement flooring. Easy to apply. Low VOC content compared to bi-component polyurethane solvent paints.

Technical data

Binder	Water-based polyurethane emulsion	
Pigments and additives	Matting agents, inorganic additives	
Solvents	Water , 2-methoxy methylmethoxy-propanol, Butyl cellosolve	
Viscosity	13 ± 2.	s Ford Cup 8 to 20°C
Specific weight	1,087(± 0,05)	kg/l
Opacity	20 gloss (according to quantity)	Gardner 60°
Point of combustion	> 21°C (non flammable)	Method: sealed cup
Dry residue	38% (± 5)	% in weight
Storage time	12 months In original sealed containers	A 35°C maximum Sensitive to freezing
Temperature of use	>15°C	Paint, equipment, environment

Packaging

Base A 0,77 kg + Catalyst B kg 0,23 = **1 kg**

Base A 5 kg + Catalyst B 2 x 0,75 kg = **6,5 kg**

Washing of equipment

With hot water immediately after use.

EU classification

Directive n. 2004/42 CE :

Category A/j Value limit of VOC : 140 g/l

This product contains a maximum of 49,36 g/l of VOC

Colours

NIPPOLIN POLY B paint is transparent and thanks to the « Tintometric » system, with our collection of universal non toxic colouring pastes, exempt of VOC, it is possible to obtain a wide range of colours. Mix the colour with the paint before adding the catalyst.

Preparation of surfaces

The product should be applied to healthy, stable and solid surfaces, that are dry (not exposed to rising damp), clean (exempt of fatty substances, waxes and oil layers of paints) and completely free of dust.

The advice and indications given above are based on our experience and are of an informative nature and do not bind us to any responsibility. The application of the product takes place without our direct control, the user therefore takes all responsibility for any consequence of use. Our technical assistance team is available for any further information that might be necessary.

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Application

Mix the contents of the prepared containers by always adding the catalyst to the base material. Stir carefully for 2 or 3 minutes until a uniform paste is obtained. (do not use the containers that contained the catalyst to fill with water for dilution). If dilution is required, add water after the mixture of the two components is completely homogeneous. Not using the correct doses or insufficient doses will result in serious problems.

	Hardener	% weight	% volume	Additive	% weight	Thinner	% weight	Viscosity Mixture	Preserving the mixture
Manual spray	Nippolin Catalyst	30%				Water	5-10%	7-9"	2-3 h
Roller	Nippolin Catalyst	30%				Water	5-10%	7-9"	2-3 h
Spatula	Nippolin Catalyst	30%						15-20	1,5-2,5 h

Drying

20°C	Re-paintable	Walkable	Consumption g/m2
24 h	24 h	36-48 h	150-250 gr. in two coats

Health and safety regulations

Ventilate during application. Avoid contact with skin and eyes. In the case of contact wash immediately and abundantly with soap and water.

Keep out of the reach of children. For further information consult the health and safety data sheet.

Disposal

Dispose of the product according to local health and safety regulations. Empty containers must be recycled.

CATALYST FOR POLYURETHANE PAINT NIPPOLIN MATT

Description

Catalyst for paint NIPPOLIN POLY B ALL'ACQUA LUCIDO (catalyst 30% of the weight of the paint)

Technical data

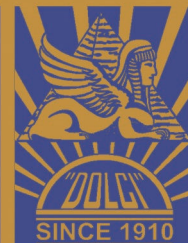
Binder	Mixture of homopolymers and aliphatic oligomeric polyisocyanates	
Pigments and additives	Does not apply	
Solvents	Does not apply	
Viscosity	Does not apply	s Ford Cup 8 a 20°C
Specific weight	1,15 (± 0,05)	kg/l
Opaueness	Does not apply	Gardner 60°

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Point of combustion	185°C (non flammable)	DIN EN 22719
Dry residue	99,0 (± 1)	% in weight
Storage time	12 months	at 35°C maximum
Temperatura of use	>15°C	Paint, equipment, environment

Product is exclusively for professional use.

Date: 27/09/19

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