

**EM0072-00..**

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<b>Description</b>	waterborne transparent one-component multicoat
<b>Main use</b>	stairs, furniture, turned parts, doors
<b>Properties</b>	vertical hold: good, hardness: good, chemical resistance: good, abrasion resistance: good

**TECHNICAL DATA**

<b>Binders</b>	acrylic emulsions, acrylic-polyurethane resins in dispersion and/or emulsion		
<b>Pigments, extenders</b>	waxes, matting agents, inorganic pigments		
<b>Solvents</b>	glycolethers, coalescence agents		
<b>Viscosity</b>	see notes		
<b>Density</b>	1,030 ± 0,030		kg/l
<b>Flatness</b>	5, 10, 20, 30, 40, 60, 70, 90		Gardner 60°
<b>Flashpoint</b>	non infiammabile/not flammable		Method: closed cup
<b>Solid content</b>	31 ± 2		% by weight
<b>Storage stability</b>	15	months	at 5°C ÷ 35°C
<b>Working temperature</b>	> 15°C Coating, objects and air		

**PRODUCT PREPARATION**

manual spraying, electrostatic, airless, airmix

	manual spraying		electrostatic, airless, airmix			
	% by weight	% by vol.	% by weight	% by vol.	% by weight	% by vol.
<b>Hardener</b>						
<b>Photoinitiator</b>						
<b>Catalyst</b>						
<b>Accelerator</b>						
<b>Additive</b>						
<b>Thinner</b>						
<b>Reticulator</b>						
<b>Pot-Life</b>						
<b>Mix. Viscosity</b>						

**TECHNICAL INFORMATION**

	20°C		g/m <sup>2</sup>
<b>dust free</b>	30 min		100
<b>Touch dry</b>	60 min		100
<b>Dry for sanding</b>	4 hours		100
<b>Dry for stacking</b>	24 hours		

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**Notes:**

Viscosity (at 20°C): 80 ± 5 s DIN4 (90 gloss); 38 ± 4 s DIN6 (70 gloss); 42 ± 4 s DIN6 (all others).

Forced drying data: flash off 15 min, hot air (35°C) 45 min; cooling 15 min.

Recommended application weight: min. 80 max 140 g/sqm per coat.  
Number of coats: 2

Ready to use. If necessary, thin with drinking water.

Excellent pore marking, particularly suitable for two coat systems for open pore. Very good resistance to thermoplasticity. Good vertical hold and hardness, together with good chemical resistance, make EM0072-00xx suitable for application on house stairs.

In this case, we recommend crosslinking EM0072-00xx with 2% of a blend of EV4411 and water at 50%.

For best chemical-physical properties, also add 3% of EZ4430 for double crosslinking, possibly under mechanical stirring. Do not exceed recommended dosage.

Abrasion resistance tests carried out in our laboratories using a Taber Abraser equipment, have resulted into medium to high levels of abrasion resistance.

The possibility of brush application after 10% thinning with drinking water make EM0072-00xx a multi-purpose high quality coating which can be used also in those cases in which spray equipment cannot be used.

Use on toys: EM0072-00xx is free from heavy metals and complies with the requirements stated by the European Regulation EN71-3 (Toys Safety - Migration of some elements).

Check carefully the product before use, contact our technical service in case of problems. Storage conditions and ageing can change viscosity without compromising suitability.

Stir well before use.

Keep from freezing. Do not store the product at temperature below 5°C.

Data shown are mean values and cannot be construed as product specifications. Users are advised to make their own tests to determine the suitability of products for their own purposes.

**FOR INDUSTRIAL USE ONLY**

Date: 03/2005