

Milacor Whiteboard-Finish Aqua

Product description:	2-K, waterborne Whiteboard Special-coating
Operational sector:	Interior use as intermediate and top coat in connection with Milacor magnetic paint or Milacor magnet boards for the magnetic Whiteboard-System .
Colour / Gloss:	approx. RAL 9010 / semi-gloss
Characteristics:	Re-writeable using Edding Boardmarker Type 250 and easy to wipe off; high abrasion resistance. The useage of Neon Boardmarker is not recommended. Suitable as projection screen with ultra-short-distance projectors.
Suitable substrates:	All solid mineral substrates, faultless dispersion paints, coats of lacquer.
Substrate preparation:	The substrate to be treated must be solid, free from grease, dust, loose particles and other parting agents. Sand previously painted surfaces. Remove non solid previous coatings. Absorbing substrates should be primed. Prime gypsum-cardboard and gypsum plaster with Hydrosol primer (existing sintered coats should be sanded). Important: ensure that the primed substrate is dry and completely dull.
Coating Systems:	<u>Milacor Magnetic Paint:</u> apply 3 coats of Milacor magnetic paints. Consumption: approx. 200 ml/m ² each coat, 1 litre will be sufficient for approx. 1.6 m ² if three coats are applied and a smooth substrate is provided. Smooth the coated area after each application as long as the paint is wet. Allow at least 4 hours drying time between each application. After a sufficient time of drying, sand the magnetic painted area with an excenter grinder (grain size 80).
Prime coat:	Milacor Whiteboard-Finish Aqua, diluted approx. 5 % *
Intermediate coat:	Intermediate sanding with 220 grain size, Milacor Whiteboard-Finish Aqua undiluted*
Top coat:	Intermediate sanding with 220 grain size, Milacor Whiteboard-Finish Aqua, undiluted* <u>Milacor Magnet Plates system:</u> the temperature of the magnet board should be equal to room temperature. Substrate and environment temperature should not be less than +18° C. Make sure to keep at least 2 cm away from any other building elements, such as baseboards, etc. Mark the working area with adhesive tape. Apply evenly the adhesive Milacor Powerglue (EC1 Equipment) using a toothed putty-knife (Zahnsachtel B2) and after that remove adhesive tape. Immediately place Milacor magnet boards on the adhesive substrate as long as it is wet and press powerful using a hard rubber roller. Important: Leave about 0.5 mm joint space if the substrate is not plaster but wood or gypsum-cardboard for example, which threatens to shrink while drying, even if it's only about a fraction of a millimetre. If the substrate (such as plastic, old paints, etc.) is non absorbent, Milacor magnet boards shall be fixed with contact glue (Bostik N725 or Pattex Compact) according to manufacturer instructions. If necessary remove impurities from the surface of Milacor magnet boards with "Pufas Anlaugerspray" and refinish damaged areas by using a zinc phosphate primer. After 24 hours prime the whole area with Ardex Ardion 82 and fill with Arduplan 826 to achieve perfect smoothness. After a sufficient time of drying, sand with an excenter grinder (grain size 80).
Prime coat:	Milacor Whiteboard-Finish Aqua, diluted approx. 5 % *
Intermediate coat:	Intermediate sanding with 220 grain size, Milacor Whiteboard-Finish Aqua undiluted*
Top coat:	Intermediate sanding with 220 grain size, Milacor Whiteboard-Finish Aqua, undiluted*

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Wall surfaces without magnetic substrate: prime the entire surface with Ardex Ardion 82 and fill with Arduplan 826 after drying till a perfect smoothness is achieved. After a sufficient time of drying, sand with an excenter grinder (grain size 120).

Prime coat: Milacor Whiteboard-Finish Aqua, diluted approx. 5 % *

Intermediate coat: Intermediate sanding with 220 grain size, Milacor Whiteboard-Finish Aqua undiluted*

Top coat: Intermediate sanding with 220 grain size, Milacor Whiteboard-Finish Aqua, undiluted*

* %-indication relates to the amount of material including hardener

Processing temperature: at least +10° C air and substrate temperature

Dilution: clean water, demineralised Water is even better. Never add water to the hardener. Dilute only material including hardener.

Application: By roller with Friess Micro Crater or Rotaplast: Rotaschaumwalze concave. Application by brush used for water based coats of the new VOC -x3e generation, spraying according to spraying chart see below.

Density: 1.305 +/- 0.1

Mixing ratio: 4:1 by volume, mix hardener intensive for at least two minutes.

Pot life: approx. 1-2 hours, depending on temperature

Spraying:

nozzle angle	pressure/bar	viscosity	operations
Spraying gun: 1,2 – 1,5	2 – 4	10 - 15 %	1 ½
HVLP: 1,3 – 1,4		5 -15 %	2 - 3

Consumption: approx. 335 ml/m²; 3 coats (1litre will be sufficient for approx. 3 m² if three coats are applied)

Drying: approx. 12 hours depending on temperature and air humidity. Full hardness after 24 hours. **Useable after 8 - 10 days** (at about 20°C)

Storage: approx. 9 months if the original containers are kept closed. Store in a cool place and protect against frost. After use containers must be carefully resealed.

Cleaning the tools: Clean immediately after use with water and soap. Spraying tools are to be cleaned thoroughly. Individual parts should be cleaned with suitable solvents like 2K-Thinner.

Risk information: **Take care for sufficient ventilation in enclosed rooms!** Harmful to aquatic organisms; may cause long term adverse effects in the aquatic environment. More information see safety data sheet.

VOC compliant: EU-limit for this product is (Kat. A/j): 140 g/l (2010). This product contains 105 g/l VOC maximum.

Disposal: Recycle only completely empty tins.

Cleaning the surface: Clean with fleece cleaning cloth, Milacor Whiteboard cleaning cloth or Milacor Whiteboard-Cleaning spray. After some time common diluted universal cleaning agents for craft, industry, workshops, hotels etc. may be used.

Pack sizes: 1000 ml incl. hardener, 800 ml component A + 200 ml component B