

 themagneticcompany®	Technical data sheet	TMC 221-235
	Whiteboard paint Design your own Whiteboard as big as you want	Publication date: 10-02-2015 Revision date: 16-03-2016 Version: 1.2

PRODUCT DESCRIPTION

Active Wall is a professional, durable, water-based 2-component polyurethane coating for flat surfaces, which can be written on using special whiteboard markers.

APPLICATION

Our Whiteboard Paint offers countless opportunities to countless people. You can put up written announcements, creative sketches, menus, project information or innovative ideas in your meeting room, residential kitchen, school or restaurant as you wish. Moreover, it's up to you to decide *how* you want to present your information: on a 5 by 2 metre whiteboard wall or on a write-on door, table or chair. Anything is possible!

Suitable surfaces are: cement, plaster, wood, concrete, plasterboard, board, etc

CHARACTERISTICS

- Water-based
- Very tough and longlasting
- Ink from good whiteboard markers can be cleaned off easily. Gloss can be used without whiteboard cleaner.

TECHNICAL DETAILS

Colour:	White / transparent / RAL colours on a project basis Gloss / Satin / Matt
Density:	App. 1.20 gr/cm ³ (white) (mixed product)
Theoretical coverage:	App. 8 – 10 m ² per litre per layer (app. 4-5 m ² per 500 ml per layer)
Solids:	App. 50 vol% (mixed product)
Drying:	Dust dry after 30 Min. Touch dry after 2 hours Minimal hardening after app. 12 hours Recoatable by roller / brush after 24 hours Recoatable by spray application, work wet on wet Complete hardening after app. 7 days
Thinning:	Do not dilute. Recommended layer thickness 50 microns when dry, this varies with the degree of porosity of the substrate.
Mixing ratio:	White: 80:20 based on parts by weight Matt/transparent: 63:37 based on parts by weight
Degree of gloss:	Gloss: > 80 gloss units measured under a 60° angle Satin: app. 30 gloss units measured under a 60° angle Matt: app. 5 – 8 gloss units measured under a 60° angle
Pot life:	1 hour, after mixing
Flash point:	>100°C
VOC:	(cat. A/j): 140 g/l VOC (2010). This product contains: < 140 g/l

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SURFACE AND PROCESSING INFORMATION

1. **Prepare the surface so that it's ready to be painted;** The surface must be flat, dry, clean, and free of grease and dust. Repair holes and cracks in advance. Suitable surfaces are: cement, plaster, wood, concrete, plasterboard, board, etc. Apply a primer to new surfaces. We recommend to use surfaces with a **white colour**. This will give the Active Wall a nice appearance. (Transparent: Use **your desired colour** as a base layer)
2. **Ensure the proper painting conditions;** Stir the paint thoroughly before use. The temperature of the air and surface should be above 10 °C during application and drying. Avoid use at a relative humidity that is too high (> 85%) or at temperatures above 25 °C. **IMPORTANT:** Ensure that the space is properly ventilated during and after application. We recommend the use of a face mask in poorly ventilated areas.
3. **Mix components A and B thoroughly;** Do this by adding component B to component A. Mix thoroughly for at least 2 minutes. Use the product immediately after mixing. **PLEASE NOTE:** the product can be used up to **max. 1 hour AFTER mixing**. The correct mixing ratio is: 2 parts A and 1 part B. Don't dilute the paint!
4. **Carefully apply the paint;** When using a roller, try not to apply too much paint in one layer! Paint wet on wet, followed by a rolling movement. This means: don't work ahead more than 1 m². The same applies to painting the skirting boards. If you have doubts about the coverage: paint a test piece first. Use a 2K PU roller or a short-haired nylon roller.
5. **Carefully put away the paint;** Let the remainder of a mixed product dry out **WITHOUT** the lid on. After mixing the product will become thicker. This is a normal process, whereby air escapes. Avoid unnecessary (paint) damage caused by a lid that may pop off.
6. **Allow the newly applied Whiteboard Paint to dry;** The surface is dust dry after 30 minutes. Touch dry after 2 hours. Minimal hardening time is about 12 hours. After approximately 12-24 hours, depending on the temperature and humidity, you can paint a 2nd layer if you wish. Allow the wall to harden for at least 48 hours (preferably 7 days) before you start using whiteboard markers.
7. **Use quality whiteboard markers;** We recommend the use of good **whiteboard** markers by e.g. Edding or Pilot. This liquid ink can be removed easily using a wiper; alternatively, use a damp cloth or a whiteboard cleaner.

TIP: Create a Magnetic Whiteboard (Active Wall) by first applying a layer of Magnetic Paint. Then you can use magnets on your write-on wall as well! For inspiration and instructions for use, go to www.activewall.nl

PACKAGING

White / Transparent / Ral Colours; 500 ml, 1 liter, 2,5 liter

SHELL LIFE AND STORAGE

Will keep for approximately 12 months in tightly closed, unopened packaging. Store in a cool but frost-free place and out of reach of children.

SAFETY INFORMATION

See MSDS; the paint meets the health and safety requirements for professional use

OTHER INFORMATION

The information above was compiled based on the latest developments and processing methods. Since the application and processing are beyond our control, no rights can be derived from this technical data sheet.