Aqua 2K-Whiteboardfarbe

- Aqua 2-Component Whiteboard Paint -
Interior
Water-based 2-component PU lacquer

General Description

Type of material:	Water-based 2-component special lacquer with a polyurethane base
Range of uses:	Aqua 2-Component Whiteboard Paint is ideal for creating a presentation area in offices, classrooms, meeting and training rooms. It can also be a helpful addition to private spaces such as kitchens and studies. The Jansen Aqua 2-Component Whiteboard Paint can also be used to repaint boards that need to be refurbished.
Product properties:	Unlimited writing, water-based 2-component one-pot system, easy-to-clean wall surface, can be used in conjunction with our Jansen Magnetic Surface (see techn. data sheet), can be written on using Board Marker Edding, Staedler and Legamaster. Please watch the list at page 3 „write on with“.
Colour shade:	White
Packaging sizes:	Base lacquer 1.96 kg + hardener 400 g

Technical Data

Binder base:	Water-based 2-component polyurethane
Pigment base:	Titanium dioxide
Density:	1.36 kg/l (mixed material)
Degree of gloss:	silk gloss
Viscosity:	slightly thixotropic
Thinner:	up to max. 10% water
Application period:	at 20°C and 65% rel. humidity, at most 4 hours
Pot life:	**Warning! Only mix a quantity that can be applied within the pot life. Do not use water to thin material that has already thickened.**

Application temperature:	For objects and ambient air not below +8 °C. Relative humidity must not exceed 80 % (can cause matt areas).
Drying:	At 20°C and 65 % relative humidity Dust-dry: after ca. 4 hours Coatable again: after ca. 24 hours Writing: after ca. 3 days, according to humidity and temperature
Spreading rate:	Ca. 100 - 150 g / m^2 per coat

Method of processing

Substrate preparation:

The substrate must be dry, stable, firm and free from separating substances (oil, grease, wax, dust etc.).

Exposed concrete:
The exposed concrete must be smooth and flawless (no gravel pockets, no notches or ridges, no cavities, uniform and non-porous surface structure). Depending on the absorbency of the substrate, use an LF penetrating primer.

Old scratched boards:
Use diluent for nitro-cellulose lacquer for degreasing.
Sand with sandpaper, with grain size of approx. 220 – 280.

The substrate preparation and the coat application must be performed to current scientific and technological standards. Please observe the current BFS (German Federal Commission for protection of paint and material assets) data sheets, as well as the VOB (German Construction Contract Procedures), Part C, DIN 18363 Painting and coating work.

1.96 kg base lacquer
400 g hardener

A minimum intensive mixing time of 2-3 minutes is paramount to ensure thoroughly mixed components.

First add the hardener and mix in. Only then dilute the mixture with the appropriate volume of water (10 % max.) This automatically ensures double mixing. Ensure that mixing also reaches the container walls. Finally decant into a clean container and stir again.

Perfect film properties are achievable only with perfectly homogeneous mixes of both components at the correct mixing ratio. Part quantities may only be mixed in a weight-based 5:1 ratio (base lacquer to hardener).

Wallpaper: Aqua 2-Component Whiteboard Paint without magnetic adhesion
1. Primer coat with Aqua 2-Component Whiteboard Paint thinned with ca. 10 % water
2. Two cover coats with Aqua 2-Component Whiteboard Paint thinned with ca. 0-10 % water.

Application:

Wallpaper: Aqua 2-Component Whiteboard Paint with magnetic adhesion
1. Apply Jansen Magnetic Surface (see relevant TM)
2. Primer coat with Aqua 2-Component Whiteboard Paint thinned with ca. 10 % water
3. Two cover coats with Aqua 2-Component Whiteboard Paint thinned with ca. 0-10 % water.

Please note that there is an wide range of eraser cloths on the market that will absorb our Jansen 2K-Whiteboard paint to differing extents. It is thus advisable to first test a cloth in a sample area. In some cases , it may be necessary to apply a further coat.

Exposed concrete
Apply 3x Aqua 2-Component Whiteboard Paint incl. hardener, thinned with 0-10 % water, to the area to be coated.

Old scratched boards
The surface needing to be coated must be treated twice with Aqua 2-Component Whiteboard Paint, including a hardening agent, 0-10% diluted with water.

Do a trial coating before final application.

If several containers are used to apply the final coat, ensure batch uniformity.

Write on with:

Edding: 250, 360, 362, 363, Eco 28, Eco 29, Comfort 2 and Retract 12.
Staedler Lumocolor: 351 and 351 b.
Legamaster: TZ1 und TZ100.

Neonmarker aren`t work on our 2K-Whiteboard surface.

Other whiteboard markers should be checked for suitability prior to use.

Cleaning the wall surface:

1. Do not leave labelling longer than 2 days on the surface.
Reason: Colour-intensive pens may leave residues on the whiteboard surface.
Do not let the dissolved ink dry, but wipe it off immediately. Then let the surface dry properly.

2. Clean the surface written on after every use with a slightly dampened microfibre cloth. Be sure to use a clean microfiber cloth for this purpose. The surface must not be cleaned with a dirty cloth.
Reason: The cloth absorbs the paint every time the whiteboard surface is cleaned. The pigments accumulated in the cloth act just like an abrasive. The whiteboard surface is tarnished. The new labelling cannot be washed from the matt surface.

3. The microfiber cloths can be re-used for a certain period of time. If it is contaminated too strongly, please replace the cloth. Never wash or re-use the cloth. The laundry detergent absorbed does not agree with the inks from the markers, which may leave smudges and residues as a result.

4. For cleaning the whiteboard surfaces, never use cleaning agents containing silicone.
After long-term use, the silicone will leave a dirt film which is very difficult to clean.

5. In no case use conventional household detergents for cleaning.

Microfibre cloth recommendation:

Vileda 100 % Micorfibre (EAN 4023103192577) 30 x 30 cm
The structure and properties of the cloth produced by Vileda make these most suitable for cleaning whiteboard surfaces created using Jansen products.

Detail of a cloth showing the structure.

Coating methods:

Brushing: Use brush with plastic bristles for painting
Rolling: Use short pile mohair rollers.

Cleaning your tools:	With water and soap, immediately if possible. Clean intermittently when used for longer periods or before breaks. Do not allow paint to dry.
Storage:	Cool, dry and protected from frost. Seal container well once opened.
VOC-Value:	EU limit for this product (Cat. A/j): 140 g/l VOC (2010). This product contains max. 10 g/l VOC.

Identification Marking: Please take note of our updated Safety Data Sheet available on the Internet at www.jansen.de

The technical information was compiled in accordance with the latest state of the art. An obligation for the general validity of the individual recommendations cannot, however, be accepted as the application and processing methods do not lie within our influence and the varying states of the substrates each require a decision as to the method of working suitable for workman and trade. The recommendations do not release the customer from the task of accepting responsibility for checking the products of the supplier company as to their suitability for the foreseen use. Applicable are the "General Terms and Conditions of Delivery and Payment in the Paint Industry" in the recommendation approved by the Federal Cartel Office (Bundeskartellamt) on 01. January 2018. On publication of this data sheet, all previous data sheets for this product become invalid.

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