

Aqua Hallenmarkierung MB

Aqua Hall Marking MB

1. PLACE	☒ Indoors	☐ Outdoors
2. TYPE	☒ Line	☒ Surface ☒ Symbol TS
3. STRESS	☐ Low	☒ Medium ☐ High

General description

Material type: Water-based marking paint based on special acrylate

Area of use: For the production of permanent markings of lines, areas and symbols (VZ) on bituminous substrates (mastic asphalt, asphalt concrete) and concrete and cement-bound substrates in indoor areas and on already coated surfaces, such as water-based epoxy* and PUR coatings* in indoor areas.

*Test coating required, see page 3 under Application.

Product features:

- » Quick-drying
- » Low odour
- » High coverage
- » Clearly visible
- » Load capacity up to max. 1 tonne pallet truck
- » Low sensitivity to dirt
- » Adding additive R achieves slip resistance class R10

Colours: White approx. RAL 9016
Yellow approx. RAL1023



Package sizes: White: 2.5 l
Yellow: 2.25 l
Base C: 2.25 l

Technical data

Binder base:	Special acrylic
Pigment base:	Titanium dioxide, inorganic and organic colour pigments
Density:	Approx. 1.050 - 1.280 g/cm ³ depending on colour shade
Gloss level:	Silky matt
Tinting colours:	Up to 1% with tinting concentrates, otherwise via Jansen MIX. Intensive colour tones exclusively via Jansen MIX.
Viscosity:	Thixotropic, ready to use
Thinning agent:	Water max. 10% only for absorbent substrates
Working temperature:	For the object and ambient air, preferably between +10°C and +25°C
Drying:	(23°C 60% relative humidity) Dust-dry: approx. 1 hour Can be painted over after 2–3 hours Walkable after approx. 6–8 hours Fully loadable after drying overnight (at least 12 hours).

The drying time depends on the wet film thickness, temperature, humidity and the material and ceiling temperature. Only open the roadways to traffic after the contractor has checked that they are completely dry.

Consumption:

Consumption/range	
1. Coat + 2. Coat	
Wet film thickness	400 µ
Theoretical consumption:	0.300 l/m ²
Theoretical range at 10 cm line width	33 running metres Ltr

Actual consumption depends on the applied layer thickness, the application method and the nature of the substrate.

GISCODE: BSW30

Description of use

Substrate preparation:

The substrate must be load-bearing, dimensionally stable, free of dust, grease, wax and oil, as well as free of cement slurry and curing compounds. As there are a variety of after-treatment agents available to make smooth concrete or screed surfaces even more robust or dirt-repellent, it is essential to consult with the client. In most cases, Jansen Metal Cleaner can help to prepare the surfaces accordingly. Afterwards, rinse thoroughly.

The pH value must not exceed 8. Poorly adhering old paint and contaminants that reduce adhesion must be removed and dust must be removed by vacuuming. Observe the reference to DIN EN 13813. In the case of coarse-pored substrates and/or heavy soiling, the surfaces should be cleaned with high pressure.

Afterwards, the moisture content of the substrate must be below 4% again.

Concrete or cement-bound substrates:

Surface components that interfere with adhesion, such as fine mortar layers, concrete slurry or retarders applied to new concrete surfaces, must be completely removed prior to application using suitable methods (e.g. high-pressure water cleaning, fine milling, etc.). Despite pre-treatment, exposed aggregate road surfaces may experience adhesion problems that are not caused by the marking material. It is therefore recommended that trial markings be carried out before the final markings are made and that any concerns regarding the condition of the substrate be reported at an early stage.

The moisture content of the concrete must not exceed 4% during marking.

Resin floors

Synthetic resin floors are usually made of epoxy resin or polyurethane. They are divided into sanded and non-sanded coatings. These coatings must always be classified as critical substrates. Since the synthetic resin floors to be coated are in most cases older than 3 days, it is important to roughen them beforehand using suitable methods (e.g. shot blasting, fine milling, etc.) before applying 2K Industrial Marking HB. If the marking is applied within 2 days of applying the synthetic resin coating, there is no need for prior roughening. Due to the wide variety of different coating systems, it is strongly recommended that test coatings/adhesion tests be carried out and, if necessary, that technical information be requested from the coating manufacturer and observed. The availability of technical data sheets for the synthetic resin coating in question is always advantageous for the application, as it allows the composition and properties of the coating to be assessed. (Request from the floor coating manufacturer!

Substrate preparation: The preparation of the substrate and the execution of the painting work must correspond to the current state of science and technology. Please also refer to the current BFS data sheets and VOB, Part C, DIN 18363 Painting and varnishing work.

Application: Jansen Aqua Hall Marking MB is ready to apply. If necessary, the amount of water added to the object should be limited to a maximum of 10%.

Apply a test coat before use

Jansen Aqua Hall Marking MB cannot be mixed with other acrylic products.

If the final coating is applied with several containers, ensure batch uniformity.

Slip resistance (Wet area) To make painted surfaces slip-resistant, 10% (125 µ) additive R can be stirred into the final coat. This achieves slip resistance class R 10. Adhesion can even be achieved on water-based epoxy and PUR coatings. In any case, carry out a test coat and a scratch test after 48 hours.

Attention: Ensure that the paint is carefully distributed. Nevertheless, absolute visual uniformity cannot be achieved, especially on larger surfaces.

Type of application: Brush, roll or spray.
Use a brush with plastic bristles for painting and a short-pile roller for rolling.
For sprayers, see the following tables:

Spraying information

Device	Nozzle/filter	Dynamic pressure	Spray pressure	Thinner
Wagner Spraypack	Titan LL 425 red	Level 3	Level 3	5%
Wagner SF 21	FF412 red	160	140	0
Graco GX FF	FFLP 310 blue	120	100	0
Graco Quick Shot	FFLP 310 blue	Level 5-6	Level 5-6	0

The aforementioned tables were created under test centre conditions. On larger surfaces, you should expect to use nozzles with larger holes and/or wider spray angles. This must be tried out on the object.

Clean spray equipment carefully, rinse with plenty of water, as a cationic dispersion is not compatible with other water-based acrylic paints and forms lumps.

Cleaning the tools:

Immediately after use with warm soapy water. Clean equipment during prolonged use and during work breaks. Do not allow water to enter the sewage system, the environment or waterways.

Special notes:

Rubber tyres parked on the markings may cause discolouration of the marking paint. This cannot be recognised as a defect.

Anhydrite substrates should not be treated with Aqua Hall Marking MB!

Drivable

Suitable for vehicles with rubber tyres. Not suitable for loads from vehicles with metal or polyamide tyres or dynamic point loads.

Storage: Cool, dry and frost-free. Close the opened container tightly and store upside down.

Labelling Please refer to our current safety data sheet on the Internet at www.jansen.de

The technical information has been compiled in accordance with the current state of science and technology. However, the individual recommendations cannot be considered to be binding as application and processing methods are beyond our control and the different nature of the substrates requires working methods to be tailored accordingly from a professional and craftsmanship perspective. The recommendations do not release the customer from the obligation to test the supplier's products for their suitability for the intended use under their own responsibility. The "General Terms and Conditions of Delivery and Payment of the Paint Industry" in the recommendation approved by the Federal Cartel Office on 1 January 2018 shall apply. With the publication of this data sheet, all previous data sheets for this product lose their validity.

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