

1K-Tagesleuchtfarbensystem

-1-Component Daylight Luminous Paint System- Exterior and interior

General Description

3 layers

1. Coat: Priming coat in white
2. Coat: 1-Component Daylight Luminous Paint
3. Coat: UV Clear Lacquer for 1-Comp. Daylight Luminous Paint colourless

Range of uses: Daylight Luminous Paints can be employed in all places where an unsurpassable colour effect and better visibility of objects by means of safety markings is required.

Product properties: Coating contains solvents and is fluorescent. In the case of fluorescent coatings, energy is absorbed from the spectrum of the short-wave light and is converted into visible light. This additional light, combined with the colour perception, is the basis for the high luminosity.

Colour shades: luminous yellow (ca. RAL 1026), luminous orange (ca. RAL 2005), luminous red (ca. RAL 3024), luminous blue (ca. RAL 5005), luminous green (ca. RAL 6038)

Packaging sizes: 1 l, 2,5 l

Technical Data

Binder base:

1. Coat: depending on product (see Technical Data Sheet)
2. Coat: 1-component solvent-containing acrylate
3. Coat: 1-component solvent-containing acrylate

Thinner: when spray-painting, add max. 2-5 % Jansen Special Thinner.

Processing temperature: min. +5 °C

Rel. air humidity at 23°C: max. 75 %

Drying: (23 °C 60 % rel. air humidity)

1. Coat: see Technical Data Sheet
2. Coat: 10 – 25 minutes / per coat
3. Coat: 10 – 25 minutes, / per coat passable after 2 hours

Spreading rate:	1. Coat: see Technical Data Sheet
	2. Coat: 100 ml/m ² per coat
	3. Coat: 60 – 100 ml/m ² per coat

Method of processing

Substrate Preparation: The substrate must be portable, dry, clean and free of separating substances (oil, grease, wax). The substrate and eventually existent old coatings must be tested for load capacity and compatibility with the Daylight Luminous Paint System to be applied (**adhesion sample/carry out trial coating**).

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

The preparation of the substrate and painting must be scientifically and technically state of the art. Please also take note of the current BFS data sheets and the VOB (German Construction Contract Procedures), Part C, DIN 18363 Painting and Coating work.

Application: The 1-Component Daylight Luminous Paint System has to be applied in the following sequence: priming coat, 1-Component Daylight Luminous Paint, UV Clear Lacquer.

Priming coat: The priming coat has to be nitro-resistant and to be evenly spread over the entire surface in order to prevent shading. For this purpose the following are suitable, depending on substrate: Jansen Ultra Primer, Jansen Acrylic Primer or Jansen Multi-Primer GH 20 or each in white. The bases are the respective technical data sheets.

1-Component Daylight Luminous Paint: 3-4 coats in the desired shade (several coats of paint ensure a long-term luminosity).

Density: 1,01 kg/l

UV Clear Lacquer: The UV Clear Lacquer protects the Daylight Luminous Paint System against harmful UV radiation and, at the same time, reduces the surface contamination. In this case, the minimum coat thickness is 60 µ. In order to achieve the desired surface properties, enough time must be planned for the through-drying.

Density: 0,97 kg/l

Method of application: brush, roller, spray

Cleansing of tools:	Jansen Special Thinner
Storage:	cool, dry and frost-free. Re-seal opened packaging well and briefly turn upside down.
VOC-Value:	This agent is not subject to any VOC category.

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 1. January 2018. On publication of this data sheet, all previous data sheets for this product become invalid.

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