

1K-Tagesleuchfarbensystem

1K Daytime Fluorescent Paint System

3-layer

1st layer: Primer in white

2nd layer: 1K Daytime Paint

3rd layer: UV clear coat for 1K Daytime Fluorescent Paint, colourless

1. PLACE	<input checked="" type="checkbox"/> Indoors	<input checked="" type="checkbox"/> Outdoors	
2. TYPE	<input checked="" type="checkbox"/> Line	<input type="checkbox"/> Surface	<input checked="" type="checkbox"/> Symbol TS
3. STRESS	<input type="checkbox"/> Low	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> High

General description

Material type: Solvent-based 3-layer marking system

Area of use: Daytime fluorescent paints can be used wherever unrivalled colour effects and improved visibility of objects through safety markings are required.

Product features: » Quick-drying
» Fluorescent
» Low sensitivity to dirt

In fluorescent paints, energy from the short-wave light spectrum is absorbed and converted into visible light. This additional light, in conjunction with colour perception, is the basis for the strong luminosity.

Colours: Bright yellow (approx. RAL 1026), bright orange (approx. RAL 2005), bright red (approx. RAL 3024), bright blue (approx. RAL 5005), bright green (approx. RAL 6038)

Package sizes: 1 l, 2.5 l

Technical data

Binder base:

1. Layer: depending on product (see TM)
2. Layer: 1K solvent-based acrylate
3. Layer: 1K solvent-based acrylate

Thinning agent: When applying by spraying, add max. 2-5% special thinner for 1K solvent-based markings.

Working temperature: Min. +5°C

Rel. humidity at 23°C: max. 75%

Drying: (23°C, 60% relative humidity)
1st layer Primer: see TM corresponding product
2nd layer 1K Daytime Paint: 10–25 minutes/per layer
3rd layer UV clear coat for 1K Daytime Fluorescent Paint : 10–25 minutes/per layer walkable after 2 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.

Coverage:

1. Layer: see TM
2. Layer: 100 ml/m² per coat
3. Layer: 60–100 ml/m² per coat

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

Gloss level Brilliant

Description of use

Substrate preparation: The substrate must be structurally sound, dry, clean and free from separating substances (oil, grease, wax).
The substrate and any existing old paint coatings must be checked for load-bearing capacity and compatibility with the daytime fluorescent paint system to be applied (**carry out an adhesion test/test coating**).

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.

Paint structure:	The 1K Daytime Fluorescent System must be installed in the following order: Primer, 1K Daytime fluorescent paint, UV clear coat applied.
Primer coat:	The primer must be nitro-resistant and applied evenly across the entire surface to prevent shading. Depending on the substrate, Jansen Ultra Primer or Jansen Multiprimer GH 20 in white are suitable for this purpose. The relevant technical data sheets form the basis for this.
1K Daytime Paint:	3-4 coats in the desired colour shade (multiple layers of paint guarantee longer luminosity).
Density:	1.01 kg/l
UV clear coat:	The UV clear coat protects the Daytime Colour System from harmful UV radiation and at the same time reduces surface contamination. The minimum layer thickness here is 60 µ (possible in 2 application steps). In order to achieve the desired surface properties, sufficient time must be allowed for thorough drying.
	If the final coating is applied with several containers, ensure batch uniformity.
Density:	0.97 kg/l
Type of application:	Spraying, rolling Recommendation: Apply using a spray method.
Cleaning the tools:	Special thinner for 1K solvent-based markings
Storage:	Cool, dry and frost-free. Close opened containers tightly and turn them upside down briefly.
VOC value:	This product is not subject to any VOC category.

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