

DEMARCATIION & SIGNALING PAINT

Demarcation & Signaling Paint is a solvent-based, single-component acrylic paint, easy to apply with a roller, spray gun and airless spray, developed for painting floors and demarcation strips.

It has good flexibility, excellent resistance to abrasion and dries fast, allowing the area to be cleared for use in a few hours. It has good filling and covering power, and offers excellent resistance to ultraviolet rays.

USE RECOMMENDATIONS

Indicated for demarcating concrete or asphalt floors, on highways, parking lots or industrial floors (production, storage, logistics, shipping areas, etc.), in order to signal the traffic of people or vehicles.

Meets the requirements of the Standard:

- ABNT NBR 11862 – Horizontal road signaling – Acrylic resin-based paint.

BASIC PROPERTIES

Colors	White, Yellow, Blue, Black, Red, Light Grey, Dark Grey, Green and Orange.
Solids per Mass	65% ± 3
Solids per Volume	52% ± 2
VOC	458 g/L
Specific Weight at 25°C	1.31 g/cm ³ (approximate value)
Flash Point	23°C
Storage time	24 months



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APPLICATION DATA

Recommended number of coats	1 or 2
Thickness per coat:	Wet film thickness – 90 to 110 µm Dry film thickness – 45 to 55 µm
Theoretical spreading rate:	11.50 m ² /liter for 45 µm 9.40 m ² /liter for 55 µm
Reducer for dilution:	Thinner 2900
Supply packaging:	3.6 L or 18,000 L.
Application method:	Airless spray, conventional spray gun, roller and brush

DRYING (thickness 50 µm)

Temperature	25°C
To Touch	30 minutes
Light Traffic	4 hours
Heavy Traffic	24 hours
Final repainting	4 hours – unlimited 7 days
Relative Air Humidity Condition:	55 to 75%.

DRY HEAT RESISTANCE

Continuous 90°C / Discontinuous 120°C.

Organic coatings may change color, brightness and adhesion when exposed to temperatures above 60°C.

SURFACE PREPARATION

Every surface to be painted must be clean, dry and free of contaminants, such as: oils, salts, grease, fats, dust, rust, weld spatter, etc.

High pressure fresh water wash (HPFWW) as appropriate and remove all oil or grease, soluble salts and any other contaminants in accordance with SSPC-SP1 solvent cleaning method.

- Cement or concrete surfaces:

These must be cured for at least 28 days.

Whenever possible, the surface should be prepared before application with a muriatic acid solution diluted in equal parts with water. Afterwards, wash with plenty of water until the pH is (7-8). Allow to dry completely.

Another alternative to open up the porosity of the concrete is to sand it with an abrasive stone.

- About aged paint

Sand superficially and remove loose particles.

APPLICATION METHOD

The following data serves as a guide, similar equipment may be used. Changes in pressures and nozzle sizes may be required to improve spray characteristics.

Before application, make sure that the equipment and its components are clean and in the best condition.

Purge the compressed air line to prevent paint contamination.

Reinforce all sharp corners, cracks and weld beads with a brush to prevent premature failure in these areas. When applying by spraying, make a 50% overlap of each pass of the spray gun to avoid uncovered and unprotected areas, ending with a cross-pass.



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- **Brush:** Use a brush 75 to 100 mm wide for larger surfaces and 25 to 38 mm wide for smaller areas.
- **Roll:** Use sheepskin or synthetic wool rollers.

Note:

1. For application by brush or roller, it may be necessary to apply in two or more passes to obtain an even coat according to the recommended film thickness per coat.
2. Do not apply with relative humidity above 85%.
3. Thoroughly wash all equipment used.

SAFETY RECOMMENDATION

Flammable product.

Before handling this product, it is essential to carefully read all the information contained in its material safety data sheet (MSDS), available on our website or request it directly from our customer service hotline (0800487777).

Surface preparation, handling and use of paint during painting and drying must be carried out using the personal protective equipment (PPE) appropriate for the step to be performed. Contact with the skin can cause irritation.

If ingested, do not induce vomiting. In case of contact with eyes, rinse thoroughly with water. In either case, seek medical attention immediately.

Do not use thinner to clean the skin, hands or other parts of the body. To clean hands, wash with water and appropriate cleaning pastes.

The storage of paints and thinners must be done in ventilated places and protected from weathering. The temperature can range from 10 to 40°C.

In case of fainting, call a doctor immediately.

Product intended for use and handling by professionals connected to the painting industry.

The application and use of this product must be carried out in accordance with all National Health, Safety and Environmental standards and regulations.

If it is necessary to remove the already applied and hardened paint from the



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substrate, the operator and individuals in the same environment must use the appropriate personal protective equipment (PPE) as indicated in the material safety data sheet (MSDS).

Store the product in sheltered, ventilated environments with a maximum temperature of 40°C. In situations where there is a need to weld metal parts painted with this product, dust and gases (smoke) will be released, which will require the use of appropriate personal protective equipment (masks with activated carbon filters and even air supply equipment) according to each environment.

NOTES

The spreading rate of this product in practice will vary according to the thickness applied, method and application technique, the type and roughness of the substrate and environmental conditions, etc.

The values found for the specific weight and drying tests (with the specified thickness) were obtained in the laboratory at a temperature of 25°C. With temperatures other than those mentioned, the values established above tend to be different from those specified.

The instructions contained in these specifications are based on our experience and technical knowledge; however, some factors are beyond our control as a manufacturer, such as: surface preparation, application, working conditions, etc.

The use of thinner products other than those specified without prior approval from Anjo Tintas may affect product performance and void product warranty.

We take no responsibility for material and personal damage caused by the misuse of the information contained in these specifications and of the products mentioned.

These specifications are subject to change without prior notice.