

MetalShield

This product is formulated with high quality resin, featuring the property of double action (primer and finish), with direct application on rusty surfaces, there is no need to remove the rust before applying it, you should only remove the loose rust with the aid of a wire brush. Excellent resistance to weathering, coverage, gloss, performance and fast drying.

This product complies with ABNT NBR 11702 type 4.2.1.10

USE RECOMMENDATIONS

Indicated for painting outdoor and indoor metal surfaces, dispensing with the use of a primer. It can also be used for wood, galvanized and aluminum applications as long as the surface is prepared with the appropriate primers.

BASIC PROPERTIES

Colors	6 line colors
Finish	Shiny
Solids per Mass	51.5% ± 2
Solids per Volume	49.05% ± 2
VOC	475 g/L
Specific Weight at 25°C	1.05 g/cm ³ (approximate value)
Flash Point	38°C
Storage time	24 months
Toxicity	Consult MSDS
Type of packaging	800 ml, 2.4 L

This information represents the best of our knowledge when this document was published. We remind you that optimal final results when applying the products depend on factors that exceed our control and that concern the surface preparation and the technical knowledge of the applicator. The company reserves the right to change these specifications without prior notice.

APPLICATION DATA

Recommended number of coats	2 to 3 coats
Thickness per coat:	Wet film thickness – 80 to 110 µm Dry film thickness – 30 to 45 µm
Theoretical spreading rate:	Up to 2.5 m ² finished / 800 mL Up to 7.5 m ² finished / 2.4 L Comments: Spreading rate may vary depending on dilution, substrate type, surface preparation and application method.
Dilution:	For roller and brush, dilute 10% – 15% with Anjo White Spirit. For spray gun, dilute 20% - 30% with Anjo White Spirit.

DRYING

Temperature	25°C
To Touch	2 to 4 hours
Handling	8 hours
Final	24 hours

Considerations: Do not paint on rainy days, at temperatures below 10°C or above 35°C or humidity above 80%. The painted surface can only be washed (cleaned) 30 days after its application. The painted surface should be cleaned with water and neutral detergent, soft sponge or cloth. Cleaning should be gentle and all over the painted surface to avoid staining or paint removal issues. Do not clean with a dry cloth, as the surface may be polished.

SURFACE PREPARATION - ABNT NBR 13.245 Standard

The surface must be dry, firm and dust free, free of contaminants such as: oils, salts, grease, fat, dust, etc., duly applied with the recommended primer.

Loose or poorly adhered parts must be scraped and/or brushed.

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On aged paint, sand superficially, leaving the surface free from shine and removing loose particles. Before starting painting, observe the following instructions:

TYPE OF SURFACE	TREATMENT
Wood	Sand wood splinters. Apply one coat of the diluted Anjo Leveling White Primer 10-15% with Anjo White Spirit. After 24 hours, sand and remove dust.
Iron Aluminum and Galvanized Surface	Remove traces of rust with sandpaper and/or wire brush First, apply Anjo Wash Primer (aluminum) and Anjo Primer for Galvanized Surfaces (galvanized) to promote perfect adhesion

APPLICATION METHOD

Brush – Touch-ups and other finishes where the roller cannot reach.

Anti-drop synthetic wool roll – 10 mm.

Epoxy roll

DeVilbiss conventional spray gun - 502 EX 67 or similar.

Pressure in the tank: 0.5 – 1.5 kgf.

Spray pressure: 2.5 - 3.5 kgf/cm² (35 to 50 psi).

Do not apply with relative humidity above 80%.

APPLICATION INSTRUCTIONS

Before starting any painting, always pay attention to the following procedure:

Sand: sand the surface, removing loose parts and promoting greater adhesion to the product that will be subsequently applied.

Cleaning: clean with a cloth or broom to remove dust from the surface and ensure adherence of the product that will be applied to the surface.

Seal: the use of primers evens out surface absorption, in addition to significantly improving the spreading rate of the product to be applied.

Homogenize: Homogenization is required for the complete mixing of all components, as well as the dispersion of pigments. As the product will be kept in stock, this operation is indispensable for the characteristics to remain unchanged.

Dilute: dilution must observe the recommended instructions, so that the product can offer excellent performance such as coverage, spreading rate, leveling and application.

Apply: always pay attention to loose or badly adhered parts of the substrate, in these cases, the surface preparation recommendations must be observed.

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In the case of cuts, always make the cut first with a brush and then apply with a roller. Application with a roller must be carried out following the procedure: apply in an M shape, turning the application in W direction.

SAFETY RECOMMENDATION

- Store the product in closed, ventilated environments with maximum temperatures of 40°C.
- When applied, the product emits vapors that must be avoided with the correct use of PPE, such as masks and respirators, ensuring proper ventilation during application.
- Avoid skin contact using gloves, goggles, suitable garments, protective creams, etc.
- Keep away from children and animals.

COMMENTS

In order to provide and ensure the quality of the products, it is essential to use our complete Anjo painting system (bases, putties, thinners and finishes) observing the instructions contained on the packaging or in the technical report.

Do not store the diluted product. Do not use different batches to continue painting, there may be a change in tone, as well as in the finish.

The spreading rate of this product will vary according to the type of surface and the painting system to be used, the thickness applied, method and application technique, the type and roughness of the substrate and environmental conditions, etc.

Usually an excellent result may be achieved with 2 or 3 coats, but, depending on the type of color or condition of the wall, more coats may be needed.

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 solvents other than those specified without prior approval from Anjo 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.

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