

TECHAQUA 2225 IM

It is a water-based product formulated with special alkyd resins and non-toxic pigments, one component, which provides excellent adhesion to surfaces in general, is easy to apply, has great flexibility and is resistant to the weather. It is an oven curing / drying product (15 to 20 minutes at 120°C).

Product indicated for painting by immersion.

RECOMMENDED USES

It is used as a finishing primer for interiors and exteriors, for anticorrosive protection and beautification of degreased and / or sanded carbon steel surfaces, as well as treated by phosphating. Especially recommended for the home appliance, metallurgical, high parts, steel furniture, toys, packaging, agricultural implements, etc. industries.

PRODUCT CHARACTERISTICS

Color:	Black, red and others on request
Finish:	Bright
Weigh solid:	40% ± 3
Volume solid:	30% ± 2
VOC:	< 100 g/L
Density:	1,01 g/cm ³ (approximate value)
Flash point:	23 °C
Shelf life:	24 months

APPLICATIONS DATA

Spreading rate per coat:	Minimum	Maximum
	Wet – 17 µm	50 µm
Theoretical coverage:	Dry – 5 µm	15 µm
	60,00 m ² /L to 5 µm	20,00 m ² /L to 15 µm
Reducer:	Up to 80% volume dilution with water. Check environmental conditions first and application method	
Packaging:	3,6 L, 20 L or 200 L	
Applications methods:	immersion	

DRYING IN GREENHOUSE

Minimum oven temperature	120 °C
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TECHNICAL DATA SHEET

Flash-Off 10 Minutes

Greenhouse time 10 – 15 Minutes

Considerations: if the maximum limit indicated for repainting is exceeded, it will be necessary to sand the surface. Relative humidity condition: 55 to 80%.

DRY HEAT RESISTANCE

Continuous 90°C / Discontinuous 120°C.

Organic coatings can undergo changes in color, brightness and adhesion when exposed to temperatures above 60°C.

SURFACE PREPARATIONS

Every surface to be painted must be clean, dry and free from contaminants, such as: oils, salts, greases, fats, dust, etc.

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

Note: If the maximum interval indicated for the application of the subsequent finishing coat is exceeded, it is necessary to proceed with manual / mechanical sanding using sandpaper to break the shine. This procedure is necessary to obtain adhesion between the layers.

APPLICATIONS METHOD

The product is supplied in a single packaging. Homogenize the package contents by means of mechanical or pneumatic agitation. Ensure that no sediment is trapped at the bottom of the package.

SAFETY PRECAUTIONS

Before handling this product, it is essential to carefully read all the information contained in its chemical safety information sheet (MSDS), available on our website or request directly from our Customer Service (0800 487 777).

The surface preparation, handling and use of paints during painting and drying, as they are flammable products, must be carried out in ventilated places, away from flames, sparks or excessive heat, using personal protective equipment (PPE's) appropriate for the stage to be performed.

Contact with the skin can cause irritation.

If swallowed, do not induce vomiting. In case of contact with eyes, wash them with plenty of water. In any case, seek medical attention immediately.

Do not smoke in the work area.

Make sure that the electrical installations are perfect and that they do not cause sparks.

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

In case of fire, use CO₂ or chemical powder extinguishers. It is not recommended to use water to extinguish the fire produced by burning the paints.

Essas informações representam o melhor de nosso conhecimento à época de sua publicação. Lembramos que o bom resultado final da aplicação dos produtos depende de fatores que fogem ao nosso controle e que dizem respeito a preparação da superfície e conhecimentos técnicos do aplicador. A empresa reserva-se o direito de alterar essas especificações sem aviso prévio.



TECHNICAL DATA SHEET

Paints and thinners must be stored in ventilated areas and protected from weathering. The temperature can range from 10 to 40°C.

In the event of symptoms of intoxication by inhaling chemical vapors, the intoxicated person should be removed immediately from the workplace to ventilated areas.

In case of fainting, call a doctor immediately.

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

The application and use of this product must be carried out in compliance with all the National Health, Safety and Environment rules and regulations.

If it is necessary to carry out removals of the paint already applied and hardened from the substrate, the operator and people who are in the same environment must use personal protective equipment (PPE), appropriate as indicated in the safety information sheet (MSDS).

Store the product in sheltered, ventilated environments with a maximum temperature of 40°C. In situations that occur when welding metal parts painted with this product are required, dust and gases (smoke) will be released, which will require the use of equipment. appropriate personal protection (masks with activated carbon filters and even air conditioning equipment) according to each environment.

Applications in confined areas require adequate ventilation, in addition to specific methods and procedures. For these situations, contact your company's security department.

NOTE

The practical performance of this product varies according to the thickness applied, method and technique of application, type and roughness of the substrate and environmental conditions, etc.

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

The instructions contained in this bulletin are based on our experience and technical knowledge, however, some factors are independent of our control as a manufacturer, such as: surface preparation, application, working conditions, etc.

The use of a thinner other than that specified without the prior approval of the technical department of AnjoTech may affect the performance of the product and void its warranty.

We do not assume any liability for material and personal damage caused by the misuse of the information contained in this bulletin and the products mentioned.

This bulletin is subject to change without notice.

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