

Rubberized Liquid Blanket

This is a rubberized waterproofing coating with excellent flexibility and elasticity that can be applied cold and molded directly on site. Indicated for waterproofing slabs without traffic. After drying, it forms a waterproof elastic film, which prevents the passage of water, protecting the surface against infiltration, fissures, algae, fungi and mold, in addition to being white, which reflects sun rays, reducing part of the heat absorbed by the structure.

High performance product that provides:

- Easy application;
- Excellent durability;
- High resistance to sun exposure and direct rain;
- Prevents the appearance of cracks (0.5 mm) and microcracks (0.05 mm) that are caused by small movements of the structure;
- Low water absorption over long periods;
- Maintains properties at low temperatures;
- Accepts direct application of adhesive mortar.

Product according to ABNT NBR 13321:2008 Standard – Acrylic Membrane for Waterproofing.

USE RECOMMENDATIONS

Suitable for waterproofing slabs, roofs and concrete gutters.

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BASIC PROPERTIES

Colors	White
Finish	Matte
Solids per Mass	65% ± 2
Solids per Volume	46% ± 2
VOC	0 g/L
Specific Weight at 25°C	1.43 g/cm ³ (approximate value)
pH	8.8 - 9.5
Flash Point	Not applicable
Storage time	24 months
Toxicity	Consult MSDS
Type of packaging	12 kg

PERFORMANCE REQUIREMENTS – ABNT NBR 13321

Test	Specification	Anjo Liquid Blanket
Breaking tensile strength	Minimum 1.5 MPa	1.6
Elongation at break	Minimum 100%	338
Water absorption	Maximum 15%	5.1

APPLICATION DATA

Recommended number of coats	Minimum 3 coats
Thickness per coat:	Roller/Brush Application: Wet film thickness – 80 to 100 µm Dry film thickness – 45 to 55 µm

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Theoretical consumption:1.2 kg/m²

The spreading rate and performance of the product depend on the conditions and method of preparation of the surface where it will be applied and on external factors beyond the control of the manufacturer, such as variation in dilution, uniformity and surface absorption, color used, relative humidity, temperature and local climatic conditions, technical and practical knowledge of the user and also the painting accessories used, such as: different types of rollers, brushes and spray application equipment (Airless and conventional spray gun).

Depending on these factors, the spreading rate may vary more or less than expressed on the package.

Dilution:

In the first coat, dilute a maximum of 15% with drinking water, in the other coats use the pure product

DRYING

Temperature	25°C
To Touch	1 hour
Between coats	4 hours
Final	24 hours

Considerations: Do not paint on rainy days, at temperatures below 10°C or above 35°C or humidity above 80%. Do not paint sports courts. Do not paint roofs internally. Do not paint floors. We do not recommend painting over water-repellent textures that have just been applied or that still have a water-repellent effect.

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. On aged paint, sand superficially, leaving the surface free from shine and removing loose particles.

Ensure that the adhesion between concrete and mortar has excellent cohesion. Level the slab with cement mortar and sand at a mix of 1:3, with a minimum slope of 1% towards the water conductors and round the sharp corners (half round), wait for the mortar to dry

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for 7 days before applying the Anjo Liquid Blanket. Apply the waterproofing for up to 30 cm on the walls.

In regions around drains, pipe passages, concrete joints, etc., the coating must be reinforced by incorporating a polyester screen after the first coat. The polyester screen must be placed over the first coat, with the product still fresh.

Before starting painting, observe the following instructions:

TYPE OF SURFACE	TREATMENT
New concrete	Wait for drying and curing (minimum 28 days).
Burnished Concret	Apply Anjo Wall Primer (see product dilution).
Whitewashed surfaces or with loose or poorly adhered particles	Scrape and/or brush the surface, eliminating loose parts. Apply Anjo Wall Primer (see product dilution).
Fat or grease stains	Wash with water and detergent, rinse and wait for drying.
Moldy parts	Wash with bleach and water at a 1:1 ratio, rinse and wait for drying.
Old slabs	They should be washed with an aqueous solution of bleach at a 1:1 ratio, using a stiff bristle brush. Rinse under running water and leave to dry for 3 days in dry/sunny weather. The surface must be clean, free of moisture, mold and loose particles.
Under the floor	The floor can be laid directly on the Anjo Rubberized Liquid Blanket, taking care not to damage the product when the services are carried out. Use AC-II or AC-III laying mortar, the joints must be well spaced and the grout in these cases must follow the movement of the floor.
Dents and cracks	They must be treated before applying the Anjo Rubberized Liquid Blanket.

WATERTIGHTNESS TEST

According to ABNT NBR 9574 - Execution of Waterproofing: after carrying out the waterproofing, a watertightness test must be carried out with clean water in the

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waterproofed areas for 72 hours to test the performance and quality of the service performed.

APPLICATION METHOD

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

Sheepskin roller – low pile.

Synthetic wool roll.

Soft bristle broom.

Airless pistol.

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.

Clean: 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.

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.

RECOMMENDED PRIMER

Wall primer

For others, consult our Technical Department

SAFETY RECOMMENDATION

- Store the product in closed, ventilated environments with maximum temperatures of 40°C.

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- 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.

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.

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.

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