

TECHNICAL INFORMATION

CLINICAL COAT BI-COMPONENTE SATINADO

Two-Part Satin Clinical Coating

502-07610-000



DESCRIPTION

CLINICAL COAT BI-COMPONENTE SATINADO is an excellent quality epoxy-acrylic coating. Its formula enhanced with nanotechnology handles particles so small that they generate impermeability, making it more difficult for water to infiltrate the surface, leaving a clean and dry surface for a longer time. Its biocidal features inhibit or eliminate bacteria, fungi, and yeast growth where hygiene is an important factor, such as hospitals, operating rooms, doctor's offices, waiting rooms, food preparation areas and others.

USE

This product can only be applied indoors, on concrete, wood, or lightweight materials such as plasterboard or fiber cement.

Structure	Structural elements (columns, trusses, etc.), walls, doors, or sterile areas.
Exterior/Interior	Indoors
Surface	Bare or plastered concrete, fiber cement, wood, lightweight board, gypsum, mineral fiber ceilings, painted or plastered surfaces.

CHARACTERISTICS

SPECIAL PROPERTIES

Finish	Satin
Hiding	● ● ● ● ○
Power	
Antifungal	● ● ● ● ●

PHYSICAL PROPERTY

DATA

Weight Solids (%)	53 – 55
VOC (volatile organic compound) (g/l)	172 (mix)
Weight per gallon (kg/gal)	4.85 – 4.95

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Volume solids (%)	39 - 41
Pot life	< 18 hours
Stormer Krebs Viscosity (Ku)	100 - 110
Theoretical yield (m ² /gallon)	60 m ² /gallon @ 1 mil

Definition of theoretical yield: Maximum surface that a paint can cover under ideal conditions. Practical performance varies depending on type of surface, used tool, applicator experience and other factors. 1 mil = 0.0254 mm.

These data were measured in white paint, other colors may show a slight variation, mainly in VOC's percentage.

In some intense colors, this coating's yield may vary, as it increases the number of layers to apply.

Note: values expressed in a 1 to 5 scale, where 5 is better.

PRESENTATIONS

AVAILABLE CONTAINERS

A COMPONENT: 502-07610-000

1 gallon metal can (3.785 Lt)

B COMPONENT: Epocril 512-00601-900

8 Fl. Oz. can (0.236 Lt)

AVAILABLE COLORS

White 000

Tintable with pastel colors of SurMix Tinting System

SURFACE PREPARATION

CONDITION	INSTRUCTION
Surface Cleaning	Before applying, remove any dirt, such as dust, grease, or other contaminants, as they can affect the adhesion or performance of the finish. Remove loose or peeling old paint film with the appropriate tools, and smooth uneven spots left by old paints.
Concrete	All new surfaces must be fully cured, usually about 30 days (setting time), dry and clean. Apply one layer of SELLADOR BLANCO 522-000 (White Sealant) and coat with this finish.
Gypsum board	Plaster the surface, sand, and thoroughly clean residual dust with a clean microfiber cloth.

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	Apply 1 coat of SELLADOR BLANCO 522-000 (White Sealant) diluted with 20 to 25% water to improve surface infiltration, let dry and apply this finish.
Dry Wall and Fiber cement	Dust thoroughly and apply a layer of SELLADOR BLANCO 522-000 (White Sealant) and coat with this finish.
Wood	Old nail holes or hairline cracks, should be repaired with MASILLA PARA MADERA 800-*** (Wood Putty) sand and dust thoroughly, then apply a coat of APAREJO BLANCO UNIVERSAL 530-000 (Wood Bonding Primer) and apply this finish.
Mildew, Mold	<p>Apply SOLUCIÓN FUNGICIDA 334-900 (Antifungal Solution), let on the surface for some 20 minutes. Rinse with enough clean water and scrub the area.</p> <p>Where washing is not possible, apply NIT CLINICAL DISINFECTANT CLEANER 4 33260-600, scrub with a microfiber cloth, apply again and let dry on the surface.</p> <p>After cleaning, be sure the surface is thoroughly dry before applying a coat of SELLADOR BLANCO (white sealer) 522-000 and this finish.</p>
Hairline cracks, small cracks and cracks in masonry or concrete	<p>Hairline Cracks (0.1 mm a 0.5 mm): Cover with an elastomeric finish.</p> <p>Small Cracks (0.6 mm a 2 mm): Repair with PEGA-PATCH Elastomeric Putty 231-000 and cover with this finish.</p> <p>Cracks (2 mm a 20 mm): Use 550 ETIBOND CONCRET and immediately, "fresh on fresh", apply MORTERO DE REPARACIÓN MR-520 (repair mortar).</p> <p>Let the mortar cure and dry for at least 15 days.</p> <p>Once cracks are repaired, coat with of SELLADOR BLANCO 522-000 (white sealer) and this finish.</p> <p>Important: For cracks wider than described, refer to the Virtual Assistant or request an assessment from our Technical Service.</p>
Rising damp on masonry walls	On surfaces with rising damp problems, coating with an acrylic plaster, or a satin or gloss finish, is not recommended.
Mild concrete dusting	Apply a coat of SELLADOR TRANSPARENTE 501-910 (Clear sealer), let dry and paint.

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Note: Evaluate dusting problem to determine if the surface can be painted or other repair is required.

Gloss or satin areas

Clean and degrease all surface.

Apply a coat of **SELLADOR BLANCO UNIVERSAL 524-000** (sealer) to ensure the adherence of any paint, either water or solvent base.

Then apply this finish.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
A COMPONENT: 502-07610-000, CLINICAL COAT BI-COMPONENTE SATINADO	8 parts	Stir well before use.
B COMPONENT: Componente B Epocril 512-00601-900	1 part	To 1 gallon of Component A, add two 8 oz. containers of Component B, to get the proper mix ratio.
Diluent: Tap Water	10 to 15 %	Wait for 20 minutes (induction time) and add water

First stir each component (A and B) in its respective container.

Mix both components slowly, until a clear homogenization.

NOTE: To achieve that correct 8: 1 ratio, use the entire content (1 gallon) of Component A and add two full 8 oz. containers of Component B.

Let stand for 20 minutes before applying (Induction Time).

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

Brush

Roller

Conventional Air
Spray (gravity or
suction fed)

Airless

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Brushing

Use natural or synthetic brushes in good condition and that do not shed bristles.

Roller application

Microfiber or splatter free roller felt.

Smooth Surface: 3/8 "or 1/2" felt.

Rough surface: 3/4" felt

Air spray

Nozzle	1.3 mm
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Pressure	35 psi
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Airless spray

Nozzle	#517
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Pressure	1500 psi
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Application conditions

Do not apply on hot surfaces or directly exposed to sunrays, paint will evaporate too soon and this will affect leveling, adhesion and durability.

Don't paint when humidity is over 85%, or in a rainy day.

Number of layers and thickness

Dry Coat Thickness	1 mil
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Number of Coats	2 or more
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Drying times

Dry-to-Touch Time	60 minutes
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Re-coat time	3 hours
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Full cure	5 to 7 days
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Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% relative humidity). These times are dependent on temperature, moisture, film thickness and dilution.

OBSERVATIONS

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- ✓ Keep container tightly closed in a ventilated place, between 20 and 30°C, out of reach of children.
 - ✓ If you'll use more than one container, mix them in advance to correct any color differences.
 - ✓ Do not wash a painted surface with abrasive detergents, it is better to use liquid detergent with enough water and a soft sponge.
 - ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>

HEALTH

- ✓ User may need to wear the appropriate Personal Protective Equipment, which is detailed in the respective Safety Data Sheet (MSDS), available at <http://www.gruposur.com>
- If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.

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