

TECHNICAL INFORMATION

CLINICAL COAT TWO-PACK GLOSSY FINISH



502-07620-000

COMPONENT

Component A	502-07620-000
Component B	512-00601-900

DESCRIPTION

CLINICAL COAT TWO-PACK GLOSSY FINISH is an epoxy-acrylic finish of excellent quality. Its formula, developed thanks to nanotechnology, manipulate particles so small in diameter so they generate a higher degree of waterproofness, making it more difficult for water to penetrate the coating, allowing a clean and dry surface for longer periods. Its biocidal powers inhibit bacteria, fungi and yeasts growth in areas where hygiene is an important factor, such as hospitals, operating rooms, doctors' offices, waiting rooms, food preparation areas and others.

USE

This product can be applied indoors, on concrete or light materials, such as gypsum, fiber cement or wood surfaces.

Structure	Bathroom, Kitchens, Walls, Doors, Structural elements (column, trusses, etc.)
Exterior/Interior	Indoors
Surface	Concrete, Fibercement, Wood, plastered or painted surfaces, drywall, gypsum, bare Concrete

CHARACTERISTICS

ASSESSMENT

Finish	Glossy
Yield	● ● ● ●
Antifungal	● ● ● ● ●

PHYSICAL PROPERTY

DATA

Weight solids (%)	52 - 54
Weight per Gallon (kg/Gl)	4.75 - 4.85
Volume Solids (%)	39 - 41
Stormer Krebs Viscosity (Ku)	100 - 110
Theoretical Yield (m ² /Gallon)	60 m ² /gallon @ 1 mil

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over the conditions, tools, the skills of the applicator, or over the selection, preparation or compatibility of the products used; therefore can only guarantee this product's quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission or inaccuracy in it.

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Pot life

< 18 h

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

This data were measured on white. There may be a slight change in values for other colors, especially in percentage of VOC.

Note: scale is from 1 to 5, where 5 is the best value.

PRESENTATION

AVAILABLE PRESENTATIONS

A PART: 502-07620-000 1 gl. can (3.785 lt.)

B PART: 512-00601-900 8 Fl. Oz. can (0.236 Lt.)

AVAILABLE COLORS

White 000

Available in Pastel colors of our Surmix inking system.

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface cleaning

Before applying, remove any dirt, such as dust, grease or other contaminants, as this will affect the adhesion or performance of the finish. Remove badly adhered paint with the appropriate tools, and make even the irregularities (steps) left by old coats of paints.

Concrete

All new surfaces must fully be cured, usually about 30 days (setting time). Apply 1 coat of White Sealant 522-000 (diluted with 20 to 25% water to improve surface infiltration and let dry.

Gypsum

Plaster the surface, sand and thoroughly clean residual dust. Apply 1 coat of White Sealant 522-000 (diluted with 20 to 25% water to improve surface infiltration and let dry.

Drywall and fibercement

Dust thoroughly and apply a coat of White Sealant 522-000.

Wood

Patch all holes and imperfections with WOOD PUTTY 800-***, sand and then apply Universal Sealant 530-000.

Surfaces with fungi or algae

Apply Antifungal Solution 334-900, let on the surface for some 20 minutes. Rinse with enough clean water and scrub the area. Where washing is not possible, apply NIT CLINICAL DISINFECTANT CLEANER 4 33260-600, scrub with a microfiber cloth, apply again and led dry on the surface. After cleaning, let dry completely before applying a coat of Sealant 522-000.

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Micro cracks, fissures and cracks in masonry or concrete	Hairline cracks (0.1 mm to 0.5 mm): an elastomeric finish is advised. Small Cracks (0.6 mm to 2 mm): Repair with MS Paintable Hybrid Sealant MS or Elastomeric Putty PEGA PATCH 231-000. Cracks (2 mm a 20 mm): USE 550 CONCRET ETIBOND and immediately, "fresh on fresh", apply REPAIR MORTAR MR-520. Let the mortar cure and dry for at least 15 days before applying the finish. Once cracks repaired, use a coat of Sealant 522-000 and this finish. Important: For cracks wider than described, refer to the Virtual Assistant or request an assessment from our Technical Service.
Moisture capillarity on masonry walls	On surfaces that have suffered moisture problems, we don't advise to apply gypsum plaster, glossy or satin finishes.
Mild concrete dusting	Apply a coat of Clear Sealant 501-910, let dry and paint. Note: Evaluate dusting problem to determine if the surface can be painted or further reparation is required.
Glossy/satin surfaces	Apply Universal Sealant 524-000 to assure adhesion of any type of paint.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
PART A: 502-07620-000 - CLINICAL COAT TWO-PACK GLOSSY FINISH	8 Parts	Stir before use. For 1 gallon of part A,
PART B: 512-00601-900 -	1 Part	Stir before use. Add two 8 Fl. Oz. cans of part B, as a catalyst.
Diluent: 0 - Water	10% to 15%	Wait for 20 minutes (induction time) before diluting with water.

First stir each component (A and B) in its respective container.
Transfer Component A to a larger capacity container and add Component B in proportion of 8 parts of Component A to 1 part of Component B.

PRODUCT APPLICATION

IT CAN BE APPLIED WITH



Airless spray



Brush



Roller



Spray gun (gravity or suction feed)

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Brushing

Use natural or synthetic bristles in good condition and does not leaves bristles.

Roller application

Microfiber or splatter free felt.

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

Rough surface: 3/4" felt

Air spray application

Nozzlea	1.3 mm
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Pressure	35 psi
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Airless spray application

Nozzle	# 517
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Pressure	1500 psi
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Application conditions

Never apply on hot surfaces or directly exposed to the sun, it will evaporate quickly and will affect leveling, adhesion and durability.

Don´t paint when humidity is over 85%, when it´s raining or under direct rain threat.

Number of layers and thickness

Dry Coat Thickness	1 mil
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Number of Coats	Minimum 2
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Drying times

Dry-to-Touch Time	60 minutes
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Recoat time	3 hours
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Total drying time	5 a 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

✓ Keep container tightly closed in a ventilated place, between 20 and 30 °C, out of reach of children.

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- ✓ 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, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com

HEALTH

- ✓ This product is meant to be applied by properly trained applicator, using appropriate Personal Protective Equipment, as described in this product's safety data sheet (MSDS), available at 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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