

TECHNICAL INFORMATION

SEAL BLOCK

Elastomeric Latex Paint

502-00520-000



DESCRIPTION

SEAL BLOCK is a water-based elastomeric paint, ideal for controlling flaking or hairline cracks (0.1mm to 0.5mm) in walls, as it has an elongation capacity of 350% (meets ASTM D638M Standard), thanks to its formula based on polymers specially modified to provide excellent elasticity. It has a high antifungal power, is resistant to alkali, has very good adhesion and can be used as a sealer and paint.

USE

Ideal for interior or exterior surfaces of concrete, brick, wood or lightweight materials, such as drywall, fiberglass and gypsum boards. It can be applied indoors.

Structure	Eaves, ceilings, Structural elements (columns, trusses, etc.), walls, fascia board.
Exterior/Interior	Outdoor, Roofed Outdoors, Indoor.
Surface	Bare or plastered concrete, fiber cement, wood, lightweight board, gypsum, mineral fiber ceilings, painted or plastered surfaces.

CHARACTERISTICS

SPECIAL PROPERTIES

Finish	Matte
Elastomeric	YES
Hiding Power	● ● ● ○ ○
Weather resistance	● ● ● ● ●
Antifungal	● ● ● ● ○

PHYSICAL PROPERTY

DATA

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product 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. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

TECHNICAL INFORMATION

SEAL BLOCK

Elastomeric Latex Paint

502-00520-000



Weight Solids (%)	55 - 57
VOC (volatile organic compounds) (g/l)	2.81
Weight per gallon (kg/gal)	5.0 - 5.2
Volume solids (%)	40 - 42
Stormer Krebs Viscosity (Ku)	100 - 120
Theoretical yield (m ² /gallon)	62m ² @ 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.

PRESENTATION

AVAILABLE PRESENTATIONS

¼ gallon metal can (0.946 lt)
1 gallon metal can (3.785 lt)
5 gallon plastic bucket (18.925 lt)

AVAILABLE COLORS

Available in every color of our 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 badly adhered paint with the appropriate tools, and smooth out irregularities (steps) left by old coat of 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.

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product 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. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

TECHNICAL INFORMATION

SEAL BLOCK

Elastomeric Latex Paint

502-00520-000



	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	Apply SOLUCIÓN FUNGICIDA 334-900 (Antifungal Solution), 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 let dry on the surface. After cleaning, be sure the surface is thoroughly dry before applying a coat of SELLADOR BLANCO (white sealer) 522-000 and this finish.
Hairline cracks, fissures and cracks in masonry or concrete	Hairline Cracks (0.1 mm a 0.5 mm): Cover with an elastomeric finish. Small Cracks (0.6 mm a 2 mm): Repair with PEGA-PATCH Elastomeric Putty 231-000 and cover with this finish. Cracks (2 mm a 20 mm): Use 550 ETIBOND CONCRET and immediately, "fresh on fresh", apply MORTERO DE REPARACIÓN MR-520 (repair mortar). Let the mortar cure and dry for at least 15 days. Once cracks are repaired, coat with of SELLADOR BLANCO 522-000 (white sealer) and this finish. Important: For fissures wider than described, refer to the Virtual Assistant or request an assessment from our Technical Service.
Rising damp on masonry walls	Completely remove all old paint and plaster. Remove fungi as described in "Mildew". Waterproof the area with MORTERO IMPERMEABILIZANTE MI-560 (Waterproofing Mortar) up to 1 meter above the humid area. Apply a coat of SELLADOR BLANCO 522-000 (sealer) and this finish.

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product 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. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

TECHNICAL INFORMATION

SEAL BLOCK

Elastomeric Latex Paint

502-00520-000



Air spray

Nozzle	1.3mm
Pressure	35psi

Airless spray

Nozzle	#517
Pressure	1500psi

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
Number of Coats	2 or more

Drying times

Dry-to-Touch Time	30 minutes
Recoat time	2 hours
Total drying time	5 to 7 days

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.
- ✓ 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

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product 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. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

TECHNICAL INFORMATION

SEAL BLOCK

Elastomeric Latex Paint

502-00520-000



-
- ✓ 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.

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product 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. If there is any inconsistency between different language issues of this document, Spanish version will prevail.