

TECHNICAL INFORMATION

DOMUS SEAL

Consolidating Sealer

503-00526-000



DESCRIPTION

DOMUS SEAL is a consolidating and hiding sealer. Its main function is to avoid excessive absorption of paint and promoting a good adhesion of it.

USE

This product can be applied on concrete surfaces or lightweight material, such as drywall, gypsum, or fiber cement.

| | |
|--------------------------|---|
| Structure | Eaves, ceilings, 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. |

PROPERTIES

SPECIAL PROPERTIES

| | |
|-------------------|-------|
| Finish | White |
| Water Base | |

PHYSICAL PROPERTY

DATA

| | |
|--|--------------------------|
| Weight Solids (%) | 43 - 45 |
| Weight per gallon (kg/gal) | 4.9 - 5.1 |
| Volume solids (%) | 25 - 27 |
| Stormer Krebs Viscosity (Ku) | 90 - 100 |
| Theoretical yield (m ² /gallon) | 39m 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 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.

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CONTAINERS and COLORS

AVAILABLE CONTAINERS

1 gallon (3.785 lt)

5-gallon plastic bucket (18.925 lt)

AVAILABLE COLORS

Blanco 000 (White)

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 coat of paint.

Concrete

All new surfaces must be fully cured, usually about 30 days (setting time), dry and clean.

Apply one layer of this DOMUS SEAL and coat with your choice of SUR 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 this DOMUS SEAL and coat with your choice of SUR finish.

Hairline cracks, small cracks and cracks in masonry or concrete Hairline Cracks (0.1 mm a 0.5 mm): Apply one coat of this sealer and 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.

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Once cracks are repaired, apply this DOMUS SEAL and coat with your choice of SUR finish.

Important: For cracks wider than described, refer to the Virtual Assistant or request an assessment from our Technical Service.

PRODUCT PREPARATION

COMPONENT

MIXING RATIO

MIXING INSTRUCTIONS

Product: 503-00526-000, DOMUS SEAL

100%

Stir well before use.

Diluent: Tap Water

Máximo 10%

PRODUCT APPLICATION

APPLICATION TOOL

Brush

Roller

Air Spray (gravity or suction fed)

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

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Air spray

| | |
|----------|--------|
| Nozzle | 1.3 mm |
| Pressure | 35 psi |

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 | 1 |

Drying times

| | |
|-------------------|------------|
| Dry-to-Touch Time | 30 minutes |
| Re-coat time | 2 hours |

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.

NOTICE

- ✓ 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 store or our industrial compound in La Uruca, San Jose.

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