

TECHNICAL INFORMATION

ACRITEK 5430

511-05430-308



DESCRIPTION

ACRITEK 5430 is a solvent-based enamel with excellent adhesion to the substrate and high weather resistance, used to enhance the appearance of different floor surfaces in domestic environments or subject to mild pedestrian transit.

USE

This product can be applied indoors or outdoors concrete surfaces. It is not recommended to apply in areas whit furniture or other elements that could mark or scratch the finish. It can be applied on concrete floors such as: sidewalks, home garages, terraces, ramps, non-industrial warehouses, and corridors.

Structure Roof slabs / terraces, floors

Interior/Exterior Indoors, Roofed outdoors, Outdoors

Surface Concrete, Concrete Edges, Pavers

PROPERTIES

SPECIAL PROPERTIES

Appearance

Glossy or Matte

PHYSICAL PROPERTIES

DAT

Weight solids (%)

50 - 52

VOC (Volatile Organic Compounds) (gr/liter)

< 475

Weight per gallon (kg/gal)

3.8 - 4.0

Volume Solids (%)

43 - 45

Stormer Krebs Viscosity (Ku)

90 - 95

Theoretical Yield (m²/gallon)

66m² @ 1 mil

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

CONTAINERS and COLORS

AVAILABLE CONTAINERS

AVAILABLE COLORS

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.

OXIDE RED 308
OXIDE GREEN 665
GREY 720
NATURAL MATTE 904
NATURAL GLOSS 904



¼ gallon can (0.946 Lt.)

1 gallon can (3.785 Lt.)

PREPARACIÓN DE LA SUPERFICIE

CONDICIÓN	INSTRUCCIÓN
Surface Cleaning	<p>Before applying, remove any dirt, such as dust, grease, or other contaminants, as they can affect the adhesion or performance of the finish.</p> <p>Remove loose or peeling old paint film with the appropriate tools, and smooth uneven spots left by old coats of paint.</p>
Concrete	<p>All new surfaces must be fully cured, usually about 30 days (setting time), dry and clean.</p>
Cracks	<p>Make a V-shaped cut, about 1.5 cm depth and dry clean it.</p> <p>Prime the surface with ETIBOND CONCRET 550 (23550-720/23551-900). And finally, fill out the cut with MORTERO DE REPARACIÓN MR 520 (39520-720).</p> <p>Let this mortar cure and dry for at least 8 days before applying this coating.</p> <p>Important: For cracks wider than described, refer to our web-based Virtual Assistant or request an assessment from our Technical Service.</p>
Capillary moisture	<p>Do not apply this coating on surfaces with a moisture content over 70%.</p>
Mild concrete dusting	<p>Remove all loose or dusting layer until reaching a solid, sound substrate with adequate roughness, so it offers a proper anchor pattern for the products to be applied.</p> <p>Then, dust thoroughly and apply MORTERO PARA NIVELACIÓN DE PISOS 39820-720 or PEGASUR MC 39225-720.</p> <p>Let this mortar cure and dry for at least 15 days before applying this coating.</p> <p>Note: this mortar layer should be applied to a minimum thickness of 2 mm and a maximum of 6 mm. If this thickness is not met, request the assessment of our Technical Service, who will indicate the appropriate process to follow.</p>
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</p>

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the area.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 511-05430-308, ACRITEK 5430	100%	Stir well before use
Diluent: 510-00457-900, DILUYENTE 457	25% - 30%	To dilute first layer
Diluent: 510-00457-900, DILUYENTE 457	20% - 25%	To dilute second layer.

PRODUCT APPLICATION

APPLICATION TOOL

Brush	Airless Equipment	Air spray (gravity or suction feed)
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Brushing

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

Air spray

Nozzle	1.8mm
Pressure	35psi

Airless Application

Nozzle	0.38mm (0,015") - 0.43mm (0,017")
Pressure	1500 psi

Application conditions

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

Do not apply this product when relative humidity exceeds 85%, under rain or with clear possibility that it will rain in a short time, as it would alter some characteristics of the application or the performance of the product.

Number of layers and thickness

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Dry Film Thickness	1.2 mils
Number of Coats	At least 2
DRYING TIMES	
Touch-Dry	1 hour
Time to recoat	4 hours
Full drying time	7 a 10 days

Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% ambient humidity). These times are dependent on temperature, moisture, film thickness and dilution.

Painted surfaces should be given a 24-hour time before subjecting them to normal traffic (moderate traffic).

Equipment cleaning

Equipment used should be cleaned with the same diluent used for application.

NOTICE

- ✓ If you'll use more than one container, mix them in advance to make up for any color differences.
- ✓ Do not wash a painted surface with abrasive detergents, it is better to use liquid detergent with water and soft sponge.
- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat.

HEALTH

- ✓ 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

The user of this product may need the appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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