

TECHNICAL INFORMATION

ACRITEK AQ 5420

511-05420-000



DESCRIPTION

ACRITEK AQ 5420 is a water-based floor coating with a pleasant texture, high hiding power, easy application, antifungal qualities, and excellent UV resistance. Due to its formula, it can be applied over sidewalks or terraces with moderate pedestrian traffic.

USE

Apply to concrete or fiber cement surfaces located indoors or outdoors. This product can be applied on concrete floors such as: sidewalks, domestic garages, terraces, and corridors.

Structure	Decks, Slabs / roofs / terraces, Floors
Interior/Exterior	Indoors, Roofed outdoors, outdoors
Surface	Concrete, Fiber cement, Pavers

PROPERTIES

SPECIAL PROPERTIES

Appearance	Matte				
Finish	Fine texture				
Hiding Power	●	●	●	●	○
Antifungal	●	●	●	●	○
Weather resistance	●	●	●	●	●

PHYSICAL PROPERTIES	DATOS
Volume Solids (%)	48 – 50
Weight solids (%)	57 – 59
pH	7 – 10
Weight per gallon (kg/gal)	4.0 – 4.2
Stormer Krebs Viscosity (Ku)	100 – 110
Theoretical Yield (m ² /gallon)	73m ² @ 1 mil
VOC (grams/liter)	< 0.99

Definition of theoretical yield: Maximum surface that can be covered with a painting under ideal conditions. Practical yield varies

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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depending on type of surface, used tool, applicator experience and other factors. 1 mil = 0.0254mm.

CONTAINERS and COLORS

AVAILABLE CONTAINERS

1 gallon can (3.785 Lt.)

AVAILABLE COLORS

Available in Chart Colors

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 coats of paint.

Concrete

All new surfaces must be fully cured, usually about 28 days (setting time), dry and clean.

Cracks

Make a V-shaped cut, about 1.5 cm depth and dry clean it.

Prime the surface with ETIBOND CONCRET 550 (23550-720/23551-900). Immediately, fill out the cut with MORTERO DE REPARACIÓN MR 520 (39520-720).

Let the mortar cure and dry for at least 8 days

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

Capillary moisture

Do not use this product over surfaces with over 70% moisture contents.

Mild concrete dusting

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.

Then, dust thoroughly and apply MORTERO PARA NIVELACIÓN DE PISOS 39820-720 or PEGASUR MC 39225-720.

Let this mortar cure and dry for at least 15 days before applying this coating.

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

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process to follow.

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. After cleaning, be sure the surface is thoroughly dry before applying this coating.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 511-05420-000, ACRITEK AQ 5420	100%	Stir well before use
Diluent: CLEAN WATER	max. 10%	

PRODUCT APPLICATION

APPLICATION TOOL

Brush

Roller

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

Number of Coats	Minimum 2
Dry Film Thickness	1.5mils per layer

DRYING TIMES

Touch-Dry	20 - 30 minutes
Time to recoat	2 - 3 hours
Full drying time	72 hours (3 days)

Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% ambient

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humidity). These times are dependent on temperature, moisture, film thickness and dilution.

NOTICE

- ✓ 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, between 20 and 30°C

HEALTH

- ✓ Avoid contact with the skin, do not inhale its vapors.
- ✓ This is a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ Apply in a well-ventilated area and DO NOT smoke while using this product.
- ✓ 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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