

Veradur stain & alkali block

Technical Specifications
Date of issue: 27/05/2025
Version Number: 6th

Fully Opaque - Alkali Resisting - Stain Blocking Acrylic Primer



VERADUR STAIN & ALKALI BLOCK is a high coverage, white, water based, stain blocking primer formulated with acrylic resins, specially designed for sealing out and suppressing most bleeding type stains including crayon, graffiti, water sensitive stains, dried water stains, grease, ink, pencil stains, asphalt, creosote, rust, coffee stains, nicotine stains, smoke stains and related odors as well as yellowness or other dirt. It is a non-spattering, fast drying primer for interior and exterior use that combines excellent hiding power and strong adhesion even over chalky surfaces. It is applied easily, smoothly, evenly and develops a strong, stable and flat-mat surface that ensures exceptional leveling and better adhesion to all finishing emulsion or acrylic coatings. The use of VERADUR STAIN & ALKALI BLOCK provides the safest method of priming stained surfaces, porous surfaces as well as surfaces coated with lime or poor quality coatings, whilst allowing the surface to breathe normally ensuring high water vapor permeability and a total breathable coating system. With special, technologically improved acrylic resins in its synthesis, VERADUR STAIN & ALKALI BLOCK resists strongly against the alkalinity of most interior and exterior masonry surfaces such as fresh concrete (poured, precast or block constructions), new plaster, drywall and walls leveled with cement based leveling compounds or ready mixed, water based, liquid putties. Due to its excellent hiding power and its superior whiteness, it is highly recommended as an intermediate primer when an extreme color change from dark to light shades is desired, reducing the coatings required for the topcoat. It is an ammonia free coating with minimal odor.

Surface preparation

Ensure that the surface is in sound condition, dry, free from grease, dust, dirt, fungus and non-adhesive materials. For filling cracks, nail holes or surface imperfections use VERNILAC's Acrylic Masonry Putty SPATOCRYL. When an extra flexible filler is required, for filling cracks and joints on walls and roofs use VERNILAC's Flexible Acrylic Putty SPATOCRYL ELASTIC. For cleaning, protecting and sterilizing exterior surfaces from algae, bacteria, fungus, microorganisms, moss and lichen, as well as neutralizing fungus on surfaces with mold growth, use VERNILAC's FUNGICIDE CLEANER, allow 24 hours to activate and then remove completely any mold traces, wash down with clean water and let the surface dry completely.

Thinning

Up to 10% with clean water depending on the method of application, the absorbency of the surface and the condition of the stained surface. On heavily stained surfaces, always apply undiluted.

Physical / Technical Characteristics

Viscosity	110±3 KU (ASTM D 562, 20°C)
Density	1,46±0,015 kg/lit (ISO 2811.01, 20°C)

Application

Stir well the primer in the container before and occasionally during use. Apply by brush, roller or airless spray, one coating of VERADUR STAIN & ALKALI BLOCK on every interior and exterior, new or repainted, stained surface or strongly alkaline surface. On heavily stained surfaces, apply VERADUR STAIN & ALKALI BLOCK undiluted and let it dry for 24 hours, before applying the finishing coat. For best hiding and sealing out results on charred or heavily smoke stained surfaces apply two coats of VERADUR STAIN & ALKALI BLOCK undiluted. Allow 24 hours between coatings. Two coats provide the maximum sealing and stain suppression. Do not apply when air and surface temperatures are below 5°C, above 40°C and/or humidity level is above 80%.

Drying - Recoating

Touch dry after 1 hour. Recoat after 3-4 hrs. On heavily stained surfaces, always allow 24 hours between coatings. Under cooler or humid conditions, allow longer times.

Coverage

Approximately, 10-12 m² per liter, per layer, depending on the surface texture, the product's dilution and the method of application.

Color shades

Available in white.





Βιομηχανία βερνικιών & χρωμάτων varnishes & paints industry



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Storage

12 months, if stored in factory sealed containers, in a cool, dry place and temperatures ranging from 5°C to 40°C. Left over paint must be stored, in tightly sealed containers and temperatures ranging from 5°C to 40°C.

Clean up

Clean up tools and equipment with water, immediately after use. If needed, use soap or a household detergent solution. Do not empty waste water into drains or watercourses.

Volatile organic compounds (VOC)

The maximum EU limit value (Directive 2004/42/CE) for this product [Category A/g "Primers", Type WB] is 30 g/l (2010). This product contains maximum 29 g/l VOC (ready for use).

Packaging

White	750 ml.	3 lt.	10 lt.
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Safety information

Read the label before use. For detailed instructions - precautions, consult the Product Safety Data Sheet. Poison Information Centre: (+30) 210 77 93 777.



All the information provided in this technical data sheet is the result of the scientific knowledge of the company's personnel and the practical experience in product application. This document doesn't express or imply a guarantee as the company cannot control and bears no responsibility for the conditions and the manner of application, the adjustment and the modification of the product when used by the customer. The customer must confirm by his own means that the product is suitable for the intended use. The current version of technical data sheet withdraws all previous versions for this product.



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