

# Hydrochroma Gel

**Technical Specifications**  
Date of issue: 07/11/2025  
Version Number: 8th

## Whitewash Topcoat in GEL form, with Extra Hiding Power



HYDROCHROMA GEL is a water-based, whitewash coating in gel form, ideal for ceilings, basements, storage rooms, stairways and every interior application where surface properties like washing resistance, stain and dirt absorption are not required. In contrary to common whitewash topcoats, HYDROCHROMA GEL by VERNILAC does not wipe off. Thanks to its advanced gel formulation, HYDROCHROMA GEL is a spatter proof coating with excellent flow and leveling as well as strong adhesion (even over chalky surfaces), that develops a smooth, matt velvet finish. HYDROCHROMA GEL does not seal the pores of the surface, allowing the surface to "breathe" normally, thus ensuring high water vapor permeability. It combines excellent hiding power with smooth and easy application that results in bright white or shiny colored surfaces. It is a very economical coating and an extremely reliable solution for all professionals who wish to freshen up new or old surfaces that were previously painted with lime, whitewash or cellulose based products. HYDROCHROMA GEL dries fast and is more efficient and reliable than traditional glues and cellulose products made of zinc and stucco. HYDROCHROMA GEL is odorless, user and environmentally friendly.

### Surface preparation

Surface must be clean, dry and free from any loose particles, scaling paints, dust, salts, mildew and greasy stains. If surface is already stained, remove as much as possible by washing, sanding and scrapping and dry well before applying the primer. For filling cracks, nail holes or surface imperfections, use VERNILAC's Acrylic Masonry Putty SPATOCRYL. When refinishing old surfaces in sound condition, that were previously painted with lime, whitewash or cellulosic-based products, always prime with VERNILAC's Waterproof solvent-based Acrylic Primer DUROCOAT to ensure strong adhesion. When refinishing old surfaces in poor condition, which were previously painted with multiple coats of lime, whitewash or cellulosic-based products, wet the surface with water, remove completely all old whitewash or lime coatings and then, apply two coatings of HYDROCHROMA GEL.

### Thinning

10-15% with clean water.

### Physical / Technical Characteristics

Viscosity	120±3 KU (ASTM D 562, 20°C)
Density	1,55-1,5±0,015 kg/lit depending of shade (ISO 2811.01, 20°C)

### Application

Stir thoroughly and occasionally during use. On new surfaces or old surfaces in sound condition that were previously painted with lime, whitewash or cellulosic-based products, apply two coatings of HYDROCHROMA GEL by brush, roller, spray or airless. Do not apply when air and surface temperatures are below 5°C or above 35°C.

### Drying - Recoating

Touch dry after 1 hour. Recoat after 3 hours. Under cooler or humid conditions, allow longer times.

### Coverage

Approximately, 12-14 m<sup>2</sup> per liter, per layer, on a properly prepared surface, depending on the absorbency of the surface.

### Color shades

Available in white. Can be tinted on a broad range of pastel shades either by using the basic colors of SUPERPAL CLASSIC or with VERNILAC's COLOR CREATIONS Tinting System.

### 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 warm 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/a «Interior matt walls and ceilings, (Gloss <25@60°)», Type WB] is 30 g/l (2010). This product contains maximum 29 g/l VOC (ready for use).



Βιομηχανία βερνικιών & χρωμάτων varnishes & paints industry



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## Packaging

White	3 lt.	9 lt.	15 lt.
Base P	3 lt.	9 lt.	

## 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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