



Durocryn silicone

Technical Specifications
 Date of issue: 19/06/2020
 Version Number: 1th

Silicone acrylic-paint with water repellent properties, high water vapour permeability and antifungal action



DUROCRYL SILICONE is a high quality, new generation, water repellent coating based on innovative acrylic-silicone resins, ideal for effective and long lasting protection of exterior walls and facades in wet climates. It is the ideal coating for application in coastal and mountainous areas that are exposed to harsh weather conditions such as intense humidity, rain, snow and frost. DUROCRYL SILICONE ensures thermal protection on walls, resists moisture penetration and allows high water vapor permeability which results in a total breathable coating system that protects the surface against carbonation and disintegration, preventing peeling, cracking, blistering and scaling; a common paint failure on masonry constructions, often caused by moisture penetration on walls. Thus, it is a perfect finish for exterior insulating and dehumidifying renders. DUROCRYL SILICONE is suitable for application on every new or old exterior masonry surface made of plaster or concrete and is highly recommended for the restoration of historical and traditional buildings. It is applied smoothly, spreads evenly, adheres very strongly, has excellent hiding power and exhibits a high performance rate. DUROCRYL SILICONE exhibits great resistance properties in adverse weather conditions, sunlight, moisture, frost and snow ensuring outstanding and long lasting protection for all exterior walls and facades in wet climates.

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 or SPATOCRYL ELASTIC Flexible Acrylic Masonry Putty, when elasticity is required. 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. On clean and properly prepared surfaces, prime by applying one coat of VERNILAC's Solvent

Based DUROCOAT PRIMER, diluted up to 100% with White Spirit or with VERNILAC's Acrylic Micronized primer VERADUR UNIVERSAL MICRO PRIMER, diluted up to 50% with clean water.

Thinning

10-15% with clean water.

Physical / Technical Characteristics

Viscosity	117±2 KU (ASTM D 562, 20°C)
Density	1,57±0,015 kg/lt (ISO 2811.01, 20°C)

Application

Stir thoroughly before use and occasionally during application. Apply by brush, roller, spray or airless two coatings of DUROCRYL SILICONE on every new or old exterior surfaces and facades made of concrete, plaster, brick, wood, stone or other construction material. Always, apply and let it dry when air and surface temperatures are between 8°C and 35°C.

Drying - Recoating

Touch dry after 1 hour. Recoat after 16 hours. Under cooler or humid conditions, allow longer times.

Coverage

Approximately, 12-14 m² per liter, per layer, on a properly prepared surface.

Color shades

Available in white and can be tinted in an unlimited number of shades 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 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/c «Exterior walls of mineral substrate»,





Βιομηχανία βερνικιών & χρωμάτων varnishes & paints industry



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Type WB] is 40 g/l (2010). This product contains maximum 39 g/l VOC (ready for use).

Packaging

3 lt.

12,5 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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