



# Veracryl thermoelastic

**Technical Specifications**  
 Date of issue: 16/01/2025  
 Version Number: 1st

## 3 in 1 Thermal-Insulating Ceramic, Energy-efficient, Elastomeric Coating for Insulating, Waterproofing and Sealing Capillary Cracks on Walls and Facades



VERACRYL THERMOELASTIC is a premium quality waterproof coating, elastomeric sealant, and thermal insulating paint - all in one product, made of innovative UV-crosslinking acrylic resins and special ceramic beads. It is ideal for developing a thermal and waterproof barrier to external walls and facades protecting all buildings against rain, moisture, frost, and extreme temperatures. It is applied on all new or old surfaces made of plaster, concrete, cement board, plasterboard, etc. It forms a watertight, thermo-insulating film with enhanced endurance that reduces thermal transfer, remains stain proof and maintains its elasticity and resistance to rain, snow, frost, strong UV radiation, sudden temperature changes, humidity, mold, and chemical pollution in urban or industrial areas. VERACRYL THERMOELASTIC completely covers capillaries, has strong adhesion, and easily follows the contractions and expansions of all surfaces without cracking, maintaining its tightness, elasticity, and durability even in extreme temperature ranging from -25°C to +100°C. It is almost odorless, friendly to the user and the environment and forms a perfect finish that keeps its shades unchanged for many years.

- Energy Smart and mold resistant

### 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 greater than 1 mm width, 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 mould growth, use VERNILAC's

FUNGICIDE CLEANER, allow 24 hours to activate and then remove completely any mould 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	123±3 KU (ASTM D 562, 20°C)
Density	1,49-1,46±0,015 kg/lit depending on the type of base and shade (ISO 2811.01, 20°C)

### Application

Stir thoroughly before use and occasionally during application. Apply by brush, roller, spray or airless two coatings of VERACRYL THERMOELASTIC on every new or old exterior surface 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. Do not apply if rain, frost or snow is expected in the next 24 hours.

### Drying-Recoating

Touch dry after 3 hours. Recoat after 8 hours. Under cooler or humid conditions, allow longer times.

### Coverage

Approximately, 11 m<sup>2</sup> per liter, per layer, on properly prepared surfaces without imperfections. On surfaces with capillaries and cracks up to 1mm, it covers approximately 4-6 m<sup>2</sup> per liter.

### Colour shades

Available in white and can be tinted in an unlimited number of shades with VERNILAC's COLOR CREATIONS Tinting System.





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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/c «Exterior walls of mineral substrate», Type WB] is 40 g/l (2010). This product contains maximum 39 g/l VOC (ready for use).

## Packaging

White	3 lt	10 lt
Base P	3 lt	10 lt
Base D	2,82 lt	9,40 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.

