# VITACRYL

## Elastomeric Roof Coating

Excellent acrylic waterproofing coating with great elasticity, ideal for roofs. It creates a uniform, elastic, waterproof sealing layer, without forming seams or joints. It has very good adhesion to every masonry surface (concrete, brick, wood, metal, etc.) and excellent resistance to adverse weather conditions and UV radiation while retaining its elasticity. It offers energy savings and improvement of energy performance of the building by decreasing the roof temperature. Vitacryl (white) is certified from the University of Athens, department of Physics as a cool material for roofs characterized by high solar reflectance value (SR), high infrared emittance (ε) and high reflectance index value (SRI).




**Advantages:**
- Great adhesion to all substrates
- High elasticity
- Contributes to energy saving

Cool paint

EN1504 - 2

## PRODUCT FEATURES

### TECHNICAL CHARACTERISTICS

**Viscosity**
130 ± 10 KU
(ASTM D 562, 25°C)

**Density**
1,30 ± 0,02 Kg / L
(ISO 2811) for white

**Gloss**
10 ± 3 μονάδες στις 60°C (ISO 2813)

### SPECIAL CHARACTERISTICS

Certified from the University of Athens, Department of Physics, as a cool material for roofs with the following properties:

- Initial Total Solar Reflectance SR=0.87 (300-2500nm) (ASTM 903-96 and ASTM G 159-98)
- Infrared Emittance Factor ε = 0.88 (ASTM E 408-71 2002)
- Solar Reflectance Index SRI = 110 (ASTM 903-96 and ASTM G 159-98)

### DILUTION

**Water**
0-10%

### DRYING TIME

**Touch dry**
2-3 h

**Recoat**
24-48 h

### COLOURS

White,
Brownish red

CE

**VITEX A.E.**
P.O. BOX 139 IMEROS TOPOS, ASPROPYRGOS GR 19300 VITACRYL
**20**
**DoP No : VIT-CPR-0038**

**EN 1504-2**
**Surface protection systems for concrete-Coating**

| | |
|---|---|
| Reaction to fire | Class F |
| Capillary absorption and permeability to water | w < 0,1 kg/m².h$^{0.5}$ |
| Water vapour permeability | $S_D$ <5m (Category I ) |
| Adhesion strength by pull off test | >2,0 N/mm² |
| Permeability to $CO_2$ | >50m |
| Dangerous substances | Complies with §5.4 |

### COVERAGE

**One coat**
3 m²/L

**Two coats**
1,5 m²/L

### PACKAGING

| | | | |
|---|---|---|---|
| White, Brownish red | 750 mL | 3 L | 10 L |



# ROOF INSULATION

## APPLICATION

### APPLICATION FIELD

For every masonry surface (concrete, brick, wood, metal, etc.)

### PREPARATION



**Surfaces should be** smooth, clean and dry, free from grease, dust, loose or flaking paint.



**Cracks or joints** should first be filled with Elastomeric Putty.



**New or weathered** surfaces should be primed with Durovit diluted up to 30% with Brush Solvent T300 for the stabilization of the substrate.

### STEPS

1. Dilute 5-10% with water and stir well before use.
2. Apply the first layer with a roll, brush or airless pistol.
3. The second layer is applied cross-wise, without dilution after 24-48 hours.

### TIPS

- Application at 5-35°C and <70% RH. Don't apply if there is a risk of rain/ frost in the next 48 hours.
- Allow new concrete surfaces to cure a minimum of 30 days prior to priming.
- Tools must be cleaned immediately after use with water and if needed, with soapy water or detergent.
- Minimize paint wastage by estimating how much paint you will need.
- Recover unused paint for re-use. After paint application, seal the container and store it for future use.
- Do not dispose of liquid waste into ground water table. Unused paint requires special handling for safe disposal.

## ADDITIONAL INFORMATION

### VOCs (Volatile Organic Compounds)

"Exterior walls of mineral substrate". VOC content limit **40 g/L.** Maximum VOC content **15 g/L** VOCs (ready for use product).

### PRECAUTIONS

Please read carefully the labelling mentioned on the can before use. For detailed instructions on hazards and safety in use the Safety Data Sheet is available upon request. Poisons Control Centre Tel. : +30 210 7793 777

### STORAGE

**5°C-38°C**
Keep containers closed in a cool and dry area.

The above technical data, information and instructions are based on our long experience and laboratory tests and are intended only to describe the product and determine its application. However, the end user should check the suitability of the product for its intended use. Our company guarantees the quality of the product itself, and in any case bears no responsibility for any damage or damage caused if the product is not used properly and in accordance with its instructions for use. The company has the right to revise this technical data sheet without any prior notice.

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TECHNICAL SUPPORT

ISO 9001 14001 CERTIFIED 45001
EMAS