

# VIVECRYL THERMOELASTIC

## Thermo protective Insulating Acrylic Paint for Walls



### DESCRIPTION

VIVECRYL THERMOELASTIC is an excellent quality acrylic, special thermoprotective and insulating paint for exterior walls. It has special raw materials with thermo insulating characteristics, contributing to energy saving, during winter and summer. It retains its elasticity between -20°C to 80°C and covers completely all existing hairlines and small cracks, offering exceptional waterproofing against humidity. Due to its fungicidal additives, it protects the surface of the dry paint film from mould and green spots. It offers a magnificent matt surface and its shades remain fadeless for many years.

VIVECRYL THERMOELASTIC is a certified cool paint characterized by high solar reflectance value (SR), high infrared emittance ( $\epsilon$ ) and high reflectance index value (SRI).

### Thermo insulating properties

Protects surface of dry paint film from mould & green spots

### PRODUCT INFORMATION

**Type:** 100% acrylic paint based on special elastomeric UV resins and thermo insulating additives.

**Application method:** Roller, brush or airless spray.

**Thinning:** 5-10% with clean water.

**Spreading rates:** About 11m<sup>2</sup> per litre when applied on crack free surfaces or about 4-6m<sup>2</sup> per litre on surfaces with cracks up to 1mm. The surfaces should be previously prepared.

**Drying times:** Touch dry after 3 hour and recoatable after 8 hours. Drying time depends on weather conditions (humidity, temperature).

**Colours:** It is available in white and in an unlimited number of shades through VIVECHROM's tinting system CHROMOSYNTHESIS.

**Thermal Conductivity:** 0,25±4% W/mK, ISO 8302 (EN 12664:2004). The corresponding values for concrete are 0,6-0,8 W/mK and for conventional paint 0,50 W/mk.

**Mould and Algae Resistance:** Scale 1 (BBA MOAT. No 33). There is no mould and algae growth on the surface of paint (less than 1% of the surface is affected).

**Cool paint:**

**Solar reflectance (SR):** 0.86 (White).

**Infrared emittance ( $\epsilon$ ):** 0.89 (White).

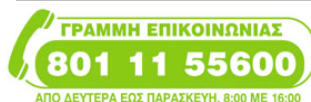
**Solar Reflectance Index (SRI):** 108 (White).

<sup>1</sup> NATIONAL AND KAPODESTRIAN UNIVERSITY OF ATHENS, PHYSICS FACULTY

**VOC (Volatile Organic Compounds):**

EU limit value for this product category  
A/c Paints for exterior walls of mineral substrate:  
40g/l (2010).

This product contains max 34 g/l VOC.





# VIVECRYL THERMOELASTIC

Thermo protective Insulating Acrylic Paint  
for Walls

## SURFACE PREPARATION

- Surfaces must be clean, dry and free from all defective and poorly adhering materials, dirt, grease and salts.
- Prime with ASTARI VIVEDUR solvent based primer or with VIVECRYL PRIMER silicone acrylic water based primer.
- Treatments such as sanding, burning off etc of paint films may generate hazardous dust and/or fumes. Wet sanding/ flatting should be used wherever possible. Work in well ventilated areas. Use suitable personal protection equipment.

## APPLICATION

- Thin with 5-10% clean water and stir well before use.
- Apply two coats of VIVECRYL THERMOELASTIC for a perfect result.
- Apply the paint and let it dry at temperatures between 10° C to 35° C.
- Do not apply if rain or frost is expected in the next 24 hours.

## AFTER USE

Remove as much paint as possible from brushes and rollers before cleaning.  
Clean brushes and equipment with water and detergent solution immediately after use.

## HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

- Harmful to aquatic life with long lasting effects • Keep out of reach of children • If medical advice is needed, have product container or label at hand • Do not get in eyes, on skin, or on clothing • Call a POISON CENTER or doctor if you feel unwell • Contains 1,2-benzisothiazol-3(2H)-one, octhilineone, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) and 2-(3,4-epoxycyclohexyl)ethyltriethoxysilane . May produce an allergic reaction •Do not empty into drains
- Avoid release to the environment •Dispose of contents and container in accordance with all national regulations. Poison Tel Center: 210 7793777.

STIR WELL BEFORE USE - PROTECT FROM FROST  
DO NOT APPLY AT TEMPERATURES UNDER 10°C.



[www.vivechrom.gr](http://www.vivechrom.gr)