

# ETERNAL® IN Thermo

Serial Number 0917

## *Interior paint with thermal insulation properties*

### **Features:**

**ETERNAL IN Thermo** is a single water-soluble paint ready for an aqueous dispersion of acrylic copolymers, pigments, special heat insulating filler and other fillers and special additives. Paints **ETERNAL IN Thermo** are washable and characterized by high whiteness and hiding power, as well as thermal insulation properties.

### **Usage:**

**ETERNAL IN Thermo** is designed for finishing interior walls of mineral and acrylic plaster and concrete panels, to increase the surface temperature, e.g. on surfaces due to condensation of water.

### **Technical data:**

Dry matter		min. 58 wt. %
Spec. Weight		0,8 g/cm <sup>3</sup>
Viscosity		min. 12000 mPa.s
pH		8,0–9,5
Drying	grade 1	40 minutes
	grade 5	150 minutes
Content of volatile organic compounds (VOC):		
Category/subcategory of product		A/a
Max. volume of VOC in product		15 g/l
		0,0188 kg/kg
TOC		0,0110 kg/kg

### **Consumption:**

0,3–0,4 kg/m<sup>2</sup> (1 to 2 layers according to the absorbency of the surface)

### **Shades:**

white

### **Packaging:**

4 kg plastic containers

### **Storage:**

Store (in the original unopened packaging) between 5–25 °C. It must not freeze!

### **Application:**

**ETERNAL IN Thermo** is applied by paint brush, wide brush, roller or by high-pressure airless spraying (tested on Wagner's Super Finish 23 membrane system, air pressure on the membrane min. 150 Bar, spray pressure min. 120 Bar, nozzle HEA 517 and larger used, Wagner's Super Finish 33, air pressure on the membrane min. 120 Bar, spray pressure min. 100 Bar, nozzle HEA 517 and larger used, minimum wet paint film thickness 400 µm) in at least two layers on dry, degreased, clean and smooth surface, so that the consumption equals at least to 0,3 kg/m<sup>2</sup>. It is recommended not to dilute the paint, if necessary to facilitate application, a maximum of 3 % potable water can be added. However, after the addition of dilution water, it is necessary to allow for an increase in the number

of coats to be applied in order to achieve the desired application layer. Mould growth must be removed from mould infested substrates when wet and the walls remediated with a mould killer such as ETERNAL mould remover. Highly absorbent substrates must be primed with **FORTE penetrat**. Between the layers of paint, it is necessary to wait 4–8 hours, depending on the temperature and humidity. When applying, the surface and environment must be within 5 °C to 30 °C. Dried paint can be painted over with interior paints, for example **ETERNAL IN**, **ETERNAL IN plus**, **ETERNAL IN steril**, **ETERNAL IN silver** while there will be no deterioration of thermal insulation properties. Used equipment should be washed after use with water. The coating acquires its definitive properties by perfect drying.

***Certification:***

TZÚS Prague Authorized Person No. 204

***Waste disposal:***

Included on the safety data sheet of the product.

***Safety and hygiene at work:***

When following basic hygiene rules **ETERNAL IN Thermo** is not a health hazard. The product is a treated article, contains a biocidal product. It contains a reaction mixture CMIT/MIT (3:1) [Index number: 613-167-00-5]. May cause an allergic reaction. It is necessary to use suitable protective clothing, gloves and goggles. Wash skin with soap and water, in case of contact with eyes, flush immediately with water. If irritation does not stop, seek medical help. If accidentally swallowed, seek medical help. Do not induce vomiting. Details are provided in the safety data sheet of the product.