

# ETERNAL® antikor akrylátový

Serial Number 9515

## *anti-corrosion coating for steel structures primers*

### **Features:**

**ETERNAL antikor akrylátový** (ETERNAL antikor acrylic) is a water soluble anticorrosive primer prepared from aqueous dispersions of copolymers of acrylic modified alkyds, special anticorrosion pigments, fillers and additives regulating the properties of coatings.

### **Usage:**

**ETERNAL antikor akrylátový** is designed to protect metal structures against corrosion as a primer. It is also suitable for light metals, it can be used for mixed construction, where steel is in conjunction with the new unoxidized galvanized sheet metal.

### **Technical data:**

Dry matter		min. 55 wt. %
Specific weight		1,3 g /cm <sup>3</sup>
Dry matter volume		44,0 ± 1 vol. %
pH		7,5–9,5
Consistency (Ford 4 mm – 23 °C)		min. 50 s
Drying	grade 1	60 minutes
	grade 4	5 hours
Pendulum hardness		min. 20 %
Adhesion (CSN ISO 2409)		grade 1
Content of volatile organic compounds (VOC):		
Category/subcategory of product		A/i
Max. volume of VOC in product		34 g/l
		0,0262 kg/kg
TOC		0,0152 kg/kg

### **Consumption:**

0,12–0,16 kg/m<sup>2</sup> (1 layer)

### **Shades:**

07 russet, 02 gray

### **Packaging:**

0,7 kg cans, 5 and 10kg plastic containers

### **Storage:**

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

### **Surface preparation:**

**ETERNAL antikor akrylátový** must be applied on a well-cleaned metal non-stick surface free of all old paints and corrosion products (such as rotary wire brush) and grease (preferably by **ETERNAL odmašťovač** concentrate, or other suitable detergent followed by rinsing with water). The paint must be applied immediately after cleaning of the substrate.

**Application:**

**ETERNAL antikor akrylátový** is applied by brush, roller, air or airless spray at the base in an environment from 10 to 30 °C. For brush or rolling **ETERNAL antikor akrylátový** should not be diluted. For spraying, it can be diluted to the required consistency according to the techniques used up to 10 % wt. water, not for electric spray guns. It is applied in 2 layers so that the total thickness is less than 80 µm. The time between coats is 5 hours (20 °C). Coating of steel substrates should be performed in a dry environment. In cold weather it is advisable to make a very thin first coat to dry quickly. Dried primer is necessary to overcoat (1–2 layers) with a top coating such as **ETERNAL mat akrylátový**. Tools should be washed with water after usage.

**Certification:**

TZÚS Prague Authorized Person No. 204

**Waste disposal:**

Included on the data sheet of the product.

**Safety and hygiene at work:**

When following basic hygiene rules, **ETERNAL antikor akrylátový** is not a health hazard. Harmful to aquatic life with long lasting effects. 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. Avoid releasing to the environment. Dispose of contents/container in accordance with the relevant national legislation. 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.