

ETERNAL® na kovy

Serial Number 1007

paint for the base and topcoats for all types of metal surfaces

Features:

ETERNAL na kovy (ETERNAL for metals) is water soluble self-primed coating for direct use on metal substrates, based on modified acrylic resin dispersion, special anticorrosion pigments, fillers and additives regulating properties. It is characterized by high adhesion to metal surfaces even on zinc, light metals and stainless steels, by increased protection against corrosion, high resistance against UV rays and weathering.

Usage:

ETERNAL na kovy is used for basic and top coatings of metal constructions, masts, external surfaces of tanks, pipes, fences, railings, metal roofing, pipes, plates and other metal products, steel, iron, zinc, stainless steel, aluminum, copper, brass in corrosive environments with high load.

Technical data:

Dry matter		min. 52 wt. %
Specific weight		1,28–1,35 g/cm ³
Dry matter volume		min. 40 vol. %
pH		7,5–9,5
Drying	grade 1	up to 1 hour
	grade 5	up to 5 hours
Pendulum hardness		min. 16 %
Adhesion		grade 0–1
Flash point		> 100 °C
Contain of volatile organic compounds (VOC):		
Category/subcategory of product		A/i
Max. volume VOC in product		38,5 g/l
		0,0300 kg/kg
TOC		0,0174 kg/kg

Consumption:

0,12–0,17 kg/m² (1 layer)

Shades:

401 white, 402 light grey, 406 green, 407 russet, 410 rosewood, 413 black, 423 cherry, 441 silver, 442 copper, 445 forge dark grey, 460 forge black, anthracite COOL, black COOL.

AUSTIS COLOR SYSTEM centers tint **ETERNAL na kovy** to pastel shades according to CSA Trend and RAL swatches.

Packaging:

0,35kg, 0,7 kg cans, 5 kg and 10 kg (shades 402, 407, 410) plastic containers

Storage:

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

Surface preparation:

With metal surfaces, before painting it is necessary to get rid of all dirt, old coatings and non-stick corrosion products and to degrease (best solution is a concentrated **ETERNAL odmašťovač** or other suitable detergent followed by rinsing with water).

Application:

ETERNAL na kovy is applied on a prepared metal surface by brush, roller, air or airless spray at the base (with an environment at least 10 °C) in 1–3 layers with a break between coats min. 4 hours (20 °C) so that the total consumption is 0,30 to 0,36 kg/m³. Coating of steel substrates should be performed in a dry environment. In cold weather it is advised to make a very thin first coat to dry quickly. For application via high pressure airless spray, **ETERNAL na kovy** is sprayed undiluted at a pressure of 180 bar using a No. 311 nozzle or larger (tested on VYZA vario devices), if necessary with Wagner Super Finish 23 membrane equipment, air pressure on the membrane min. 120 Bar, spray pressure min. 90 Bar, nozzle HEA 411 and larger, minimum wet paint film thickness 130 µm. Tools should be washed with water after usage.

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 na kovy** is not a health hazard. **ETERNAL na kovy** contains zinc phosphate. Harmful to aquatic life with long lasting effects. It contains a 2,4,7,9-tetramethyldec-5-yne-4,7-diol [ES: 204-809-1]. May cause an allergic reaction. Avoid release to the environment. Dispose of contents/container in accordance with the relevant national legislation. 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. Other details are on the Safety data sheet of the product.