

## HK-2-E

### DESCRIPTION

High-quality, high anti-corrosion resistant lead- and chromate-free Epoxy-Polyamide anti-corrosion primer. Regarding its reaction to fire, it is classed **Non-flammable** according to UNE-EN 13501-:2007+A1:2010 standard.

### FIELD OF APPLICATION

General-use workshop primer for steel surfaces, preferably sandblasted to Sa.2 ½ (ISO 8501-1), galvanised steel and aluminium. Anti-corrosive primer suitable for protection against fire in structures using **STOFIRE**.

### TECHNICAL CHARACTERISTICS (2/C)

<i>Presentation:</i>	<i>Two parts.</i>
<i>Colour:</i>	<i>Reddish, beige and grey.</i>
<i>Finish:</i>	<i>Matt.</i>
<i>Specific weight:</i>	<i>1,40 ± 0,05.</i>
<i>Recommended dry thickness:</i>	<i>40 - 50 microns per coat.</i>
<i>% volume of solids:</i>	<i>51,0 % ± 1%.</i>
<i>Performance (40µ):</i>	<i>12,8 m<sup>2</sup>/Lt = 9,1 m<sup>2</sup>/Kg.</i>
<i>Powder drying:</i>	<i>30 minutes at 20°C.</i>
<i>Dry-to-touch:</i>	<i>2 hours at 20°C.</i>
<i>Repaintable:</i>	<i>24 hours at 20°C.</i>
<i>Mixing ratio:</i>	<i>A:B = 7:1 in weight.</i>
<i>Pot-life:</i>	<i>&gt; 8 hours at 20°C.</i>
<i>Application:</i>	<i>Gun or brush.</i>
<i>VOC (supply form):</i>	<i>448 g/l.</i>
<i>Indicated thinner:</i>	<i>TI-4 (*).</i>

(\* ) With airless applications or in summer and high temperatures, it may be suitable to add **X-7** up to a proportion of 1:3 = **TI-4:X-7**. It is not advisable to dilute only with **X-7**.

### PRELIMINARY TREATMENT OF SURFACES

Clean, non-greasy metals. Steel, preferably sandblasted up to level Sa. 2 ½ according to ISO 8501-1. The level of manual cleaning must never be lower than level St.3 of this standard.

### Euroquímica Paints, S.A.

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Certificado Sistema de Calidad



## METHOD FOR APPLICATION

**HK-2-E** comes in two separate pre-dosed containers, which must be mixed before use. To do so, mix the content of the container marked component "B" with the jar of component "A", stirring thoroughly until you get a homogeneous mix. Dilute if necessary.

- Brush:** Apply direct, or, diluted at most with 10% **TI-4**.  
**Roller:** Dilute with 0 to 5% **TI-4**. Use short-napped woollen rollers.  
**Aerographic gun:** **Only for industrial use.** Dilute up to 20" - 25 " Ford-4, adding 20% **TI-4**.  
 Nozzle 1.2 to 1.8 mm; Pressure 2.5 to 4 kg/cm<sup>2</sup>.  
**Airless gun:** Dilute with 5 to 10% of a **TI-4 / X-7** mix ( 1/0.5 up to 1/3).  
 Nozzle, 0.011" to 0.015"; Nozzle-tip pressure, 180 to 200 Kgs/cm<sup>2</sup>.  
**Immersion:** Not suitable.

**VOC** dil. 10% **TI-4**: 499 g/l

As for all coatings and paints, the application must be made on firm, dry substrate, at a support temperature of 3°C above dew-point, with an ambient temperature over 10°C and RH below 80%.

## CHARACTERISTICS OF THE DRY FILM

Excellent adherence on steel and most metals and alloys.  
 Good resistance to water and water vapour.  
 Withstands occasional spillages of fuels and organic products.  
 Flexibility: 5 mm conical mandrel  
 Reaction to fire: Classed **BS,d0** according to **Euroclases, UNE-EN 13501-1**.

## PRECAUTIONS

It is advisable to perform the application in a well-ventilated area or with a plentiful forced-air supply. Personal safety measures should be taken in order to avoid ingestion, inhalation or contact with the skin. The normal precautions for fire prevention should be taken during applications. Keep containers well sealed after use. Do not pour waste down the drain. Storage stability: 1 year in their original, sealed containers, in good storage conditions.

## OBSERVATIONS

We guarantee the quality of our products pursuant to our general terms of sale and supply. Our technical tips for use, expressed verbally, in writing or in tests, are offered in accordance with our current know-how and experience. They are mere indications, which do not imply our responsibility, nor do they exempt you from the need to check for yourselves that the products we supply do meet the procedures and goals you seek, by conducting your own controlling and testing. Application and use of the products is beyond our control and, consequently, depends exclusively on your own personal responsibility, and we decline responsibility for results other than those set out here. Our recommendations regarding safety should not prevent you from determining your own measures, adapted to the conditions of your installations. We reserve the right to modify the contents hereof, without prior notice, in accordance with their technological development.

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