

HK-47

DESCRIPTION

Primer for iron, steel and galvanised surfaces. Its excellent moisturising properties allow its application on surfaces with traces of oxide (having removed the scale) to stabilise them. Anti-rust. For application by brush, roller and spray gun.

FIELD OF APPLICATION

HK-47 is a primer for air drying with excellent rust-proofing properties, good wetting on difficult surfaces and with very good adherence. Excellent chemical resistance to acids and alkalis. **HK-47** as a base ensures adherence and rust-proofing properties for systems based on synthetic resins. A very quick-drying product, suited for outdoor application with poor weather conditions. Suitable as a first protective coat for metal structures, machinery, pipes, tanks, silos, etc.

TECHNICAL SPECIFICATION

<i>Presentation:</i>	<i>Ready for use.</i>
<i>Colour:</i>	<i>Reddish and beige</i>
<i>Finish:</i>	<i>Matt.</i>
<i>Specific gravity:</i>	<i>1.31 ± 0.05 gr/cm³</i>
<i>Recommended dry thickness:</i>	<i>40- 45 microns.</i>
<i>% Solids by volume:</i>	<i>52%. +/- 1%</i>
<i>Theoretical cover (40µ):</i>	<i>13.0 m²/Lt = 9.9 m²/Kg.</i>
<i>Time of drying to touch:</i>	<i>20 minutes, at 20°C.</i>
<i>Re-painting by spray gun:</i>	<i>After 12 hours.</i>
<i>Re-painting by brush or roller:</i>	<i>24 hours, at 20°C.</i>
<i>Application:</i>	<i>Brush, roller and spray gun.</i>
<i>VOC:</i>	<i>415 gr/l.</i>
<i>Recommended thinner:</i>	<i>X-7.</i>

SURFACE PREPARATION TREATMENT

Very good results are obtained with steel cleaned to degree Sa.2 ½ (blasted) or St. 2 (brushed). If the metal shows considerable rusting and cannot be blasted, the corroded surface must be brushed very thoroughly to remove loose crusting, then cleaning off the resulting dust. On galvanised steel in good condition a cleaning with solvent is sufficient, if there is corrosion use brushing and dusting off as indicated for steel.

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METHOD OF APPLICATION

Brush: Thin with 0 to 10% de **X-7**
Roller: Thin with 0 to 15% de **X-7**.
Airless spray gun: Thin with 0 to 15% de **X-7**.
Nozzle 0.011" to 0.013".
Pressure at nozzle point, 180 to 200 Kgs/cm².

Do not use more than 15% thinning. Product within the Ai category according to Royal Decree 227/2006 (FROM 2004/42/EC).

Only in industrial use:

Aerographic spray gun: Thin with 40-45% of **X-7**
Electrostatic spray gun: Thin with 40-45% of **DIL. ES**

As for all paints and coatings the application must be on firm and dry substrata, with the support at a temperature 3°C above dew-point, with ambient temperature not below 10°C and RH at 80% as maximum.

CHARACTERISTICS OF THE DRY FILM

Mechanical resistance: Excellent adherence and hardness, very good resistance to abrasion and impact.

Chemical resistance: High resistance to saponification. Stable to attack by diluted acids and alkalis.

Heat resistance: Applied on surfaces of boilers, piping, chimneys, ovens, dryers, etc., it is resistant up to a temperature of 80°C constant and 120°C for short exposure.

PRECAUTIONS

Application should be performed with a plentiful air supply or with ventilation systems designed for this purpose.

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. Keep containers tightly 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.

HK-47 - Edition 18-05-10 - Voids all previous issues.

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