

KARTEMP ZINC

PRODUCT CODE: KBK 030110

HEAT RESISTANT PRIMER

**1. DESCRIPTION OF PRODUCT AND THE PRODUCER**

GENERIC TYPE	Heat resistant primer
DESCRIPTION, AREAS OF USE	Anti-corrosive heat resistant metal primer provides heat resistance up to 425°C dry heat in sheltered or interior environments. This primer should be used on new, bare steel or blasted steel surfaces. Could be topcoated with Kartemp heat resistant topcoats.
PRODUCER INFORMATION	Kartallar Boya ve Kimya Sanayi Ticaret Limited Sirketi Kosklucesme Mahallesi, Yeni Bagdat Caddesi, No:136, 41400 Gebze / KOCAELI / TURKIYE
PRODUCT HOTLINE	Monday-Saturday (08:30 – 18:00) Tel: 0262 641 49 67 Fax : 0262 641 49 68
EMERGENCY LINE	Uludag University Poison Research Center (7/24) – +90 224 442 82 93

2. PRODUCT'S TECHNICAL & APPLICATION PARAMETERS

COLOUR(S) / TEXTURE	Zinc Grey
APPEARANCE	Flat (ASTM D 523)
SPECIFIC GRAVITY	1,35±0,05 g/cm ³ (ASTM D 1475)
SOLID BY VOLUME	%46±2 (ASTM D 2697)
THINNER CODE	K- Solv 200
THINNING RATE	%65 for air-spray and airless spray application, %10 for brush and roller application
VOC CONTENT	450 g/L (ASTM D 3960)
SPREADING RATE	10 sqm per liter when applied as single coat (45 microns DFT)
SURFACE DRY TIME	2-4 hours @20 °C
THROUGH DRY	24 hours @20 °C
COMPLETELY CURED	24 hours after minimum service temperature is reached
HARDENER TYPE - RATIOS	N/A
METHOD OF APPLICATION	Airless Spray, HVLP Spray, lint free roller, brush
NOZZLE INFO	0,015" – 0,019"
PRESSURE INFO	150-180 bars
RECOMMENDED WET THICKNESS	100 microns
DRY FILM THICKNESS	45 microns
MINIMUM RECOATING INTERVAL	24 hours @20 °C
MAXIMUM RECOATING INTERVAL	Extended
POT LIFE	N/A
SHELF LIFE	2 years from the date of manufacture if stored at proper conditions and unopened

3. SURFACE PREPARATION & ENVIRONMENTAL CONDITIONS DURING APPLICATION

NEW APPLICATION	At least SA2 blasting required. Surface must be clean, dry and free from any contaminants.
REPAIRS	Corroded areas should be power tool cleaned to ISO-St3 or blast cleaned to ISO-Sa2 or better. Existing systems should be dry and free from loose paint, salt, grease and other contaminants prior to overcoating.

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**KARTALLAR BOYA VE KIMYA SANAYI TICARET LIMITED SIRKETI**

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3. SURFACE PREPARATION & ENVIRONMENTAL CONDITIONS DURING APPLICATION (CONTINUED)

ENVIRONMENT CONDITIONS	The temperature of the surface should be at least 3°C higher than the DewPoint of the air. Temperature and relative humidity should be measured in the vicinity of the substrate. The maximum recommended surface temperature is 40°C. In extreme cases, it may be necessary to reduce film thickness in order to avoid sagging. When applying the paint in confined spaces, provide adequate ventilation during application and drying. The temperature of the mixed paint should be at least 15°C. Otherwise extra solvent may be needed to obtain a proper application viscosity. Relative humidity must not be over %80
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4. PACKING & STORAGE CONDITIONS

PACKING DETAILS	25 Kg steel pails
STORAGE CONDITIONS	Storing areas should be dry and well ventilated where the temperature is always between 5-30°C. These areas should be separated from the manufacturing fields to eliminate the risks of fire.

5. ENVIRONMENTAL RESPONSIBILITY, HEALTH & SAFETY

GENERAL RULES	Observe the precautionary notices on the label of the container. A material safety data sheet is available upon request and national or local safety regulations should be followed. This product is intended for use by professional applicators.
HEALTH	Avoid skin- and eye contact by wearing overalls, gloves, goggles, mask, etc. Spillage on the skin should immediately be removed by thorough washing with lukewarm water and soap or a suitable industrial cleaner. Eyes should be flushed with fresh water and medical attention sought immediately. Spraying should be carried out under well-ventilated conditions. Avoid inhalation of solvent vapors and paint mist by wearing an air mask.
SAFETY	This product contains flammable materials and should be kept away from sparks and open flames. Smoking in the area should not be permitted.

6. DISCLAIMER

DISCLAIMER	The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factors affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product without notice.
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