

KARDEN APOSKA

PRODUCT CODE: KBK 020117
MARINE PRIMER

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

GENERIC TYPE	Urethane alkyd primer
DESCRIPTION, AREAS OF USE	One pack, fast drying modified urethane resin based, rust preventive primer. Protects steel surfaces against medium corrosivity environments at marine and industrial conditions. A versatile primer used at ship topsides, superstructure and various other steel structures.
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	Grey, Oxide Red
APPEARANCE	Flat (ASTM D 523)
SPECIFIC GRAVITY	1,25±0,05 g/cm ³ (ASTM D 1475)
SOLID BY VOLUME	%48±2 (ASTM D 2697)
THINNER CODE	K- Solv 1100
THINNING RATE	%5
VOC CONTENT	410 g/L (ASTM D 3960)
SPREADING RATE	12 sqm per liter when applied as single coat (40 microns DFT)
SURFACE DRY TIME	60 minutes @20 °C
THROUGH DRY	5 hours @20 °C
COMPLETELY CURED	3 days @20 °C
HARDENER TYPE - RATIOS	N/A
METHOD OF APPLICATION	Airless Spray, HVLP Spray, brush
NOZZLE INFO	0,017" - 0,019"
PRESSURE INFO	150-180 bars
RECOMMENDED WET THICKNESS	40 microns
DRY FILM THICKNESS	75 microns
MINIMUM RECOATING INTERVAL	7 hours @20 °C
MAXIMUM RECOATING INTERVAL	3 days @20 °C
PDT 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	Steel surfaces should be properly blasted to SA2 or SA2 ^{1/2} . 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.
SURFACE SALT LIMITS	35µg/sqm

DATE OF ISSUE : 21.09.2018

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

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Tel: +90 262 641 49 67 E-mail : info@kartallarboya.com Website : www.kartallarboya.com

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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	20L 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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