



Arko Paint Co.

# Technical Data Sheet

ARKO PAINT INDUSTRIES  
No 1 . 2nd floor . Vanak Bld.  
Abresan Sq .  
Tabriz - Iran  
Tel : +98 41 34328194  
www.arkopaint.com

print date : 11/04/15  
code : meta / ar 207

## 2K Polyurethane paint

**Description:** ARKO 2K polyurethane acrylic resin base topcoat paint giving a high build good gloss level , excellent durability and superior hardness protective in different environments.It offers the Ideal optimum finish anti - corrosive layer in industrial sectors providing protection resistance in weathering offshore industries and on wide range of metal surfaces.  
The outstanding abrasion feature make this product an ideal protective and decorative choice in chemical plants and so on gasoline impact.

**Products:**

- ARKO 2K Polyurethane Paint

**Packaging:**

- 1 kg
- 20 kg

**Typical Substrates:**

- Iron
- Steel
- Aluminium
- Reinforced fiber glass

### Technical Specifications

Appearance	Fluid
Color	Standard colors . Finish:% 95 at 60 deg gloss
Viscosity	100 - 105 KU
Specific Gravity	1.2
Solubility	Insoluble in water
Weight Solids	%55
Pot Life	4 hours
Shore D Hardness	N/A
Catalist Required	929 - 73
Flash Point	38 °C
Shelf life	24 months
VOC (EC)	608.1 g/l



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## Precaution:

Read all direction and warnings prior to using Arko products Material Safety Data Sheet(SDS)

## Application Data

	<b>Cleaning:</b>	Ensure surfaces to be coated are dry and must be cleaned to remove all traces of contaminants.	
	<b>Mixing ratio</b> (By volume)	4 : 2 : 1	Arko Hardener 929 - 73 Arko PU Thinner Stir Base and Hardener thoroughly, then combine Base and Hardener and power stir to a uniform consistency. thinning up to 10%
	<b>number of coats</b>	1 - 2 Coats	
	<b>Air-Dry</b>	<b>Surface Dry :</b>	40 min at 25 °C <b>Hard Dry :</b> 6 hours at 25 °C
	<b>Between coats</b>	10 minutes at 20 C allowing flash off time of 10 - 15 minutes	
	<b>GUN SET UP:</b>	Conventional: 1.3mm – 1.5mm	
		HVLP: 1.3mm – 1.4mm	
	<b>AIR PRESSURE:</b>	Conventional: 50 – 55 psi at the gun HVLP: 8 – 10 psi at the cap	
	<b>Application</b> <b>Film Thickness:</b>	Apply by repeated wet on wet applications to required thickness. Clean equipment immediately after use. 25-100microns 1-2 coats	
	<b>Viscosity</b>	17 -20 s DIN4 at 20°C	



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**Storage:** Store the product dry and at a temperature between 5 and 38°C per Arko specification. Store in the original unopened container. Storage temperature may vary per OEM specification requirements. refer to container label for specific storage life information ,

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