

PROLAC PRIMER AKP-20600 ZP

No. TD : A-014
 Revision : 04
 Effective Date : 22/02/2024

PRODUCT DESCRIPTION & USES

PROLAC PRIMER AKP-20600 ZP is an alkyd primer containing Zinc Phosphate inhibiting anti corrosion pigment. This primer is effectively used as a protective coating for all types of steel and non-steel construction, including ferrous and non-ferrous substrate in rural and moderates industrial environment. This quality provides good anti corrosion protection in conjunction with the top coat for light duty exterior application.

FEATURES

- Good Corrosion Resistance
- Easy to Apply
- Good Adhesion
- Fast Dry Version is Available Upon Request.

PRODUCT SPECIFICATION

Colours	: Grey, Red Oxide
Finish	: Matt
Volume Solid	: 55 ± 2%
Specific Gravity	: 1.40 ± 0.04 g/cc
Flash Point	: 27 °C
Packaging	: 5 & 20 Liters
Storage Stability	: 24 Months. If it is stored in cool and dry place, also in its original not opened package. (Do not store below freezing point)

APPLICATION

Instruction for Use	: Stir well before use, preferable by means use mechanical mixer to ensure good homogeneity		
Application Condition	: 25 – 35 °C, 60 – 80 % RH		
Thinner	: THSG-90300		
Application Method	: <u>Airless Spray</u>	: <u>Air Spray</u>	: <u>Brush/Roller</u>
Thinning Ratio by Volume	: 5 - 10%	: 30 - 35%	: 20 - 25%
Tip Size for Airless Spray Gun	: 0,013 – 0,017 inch	Air Pressure : approx. 150 bar/2100 psi	
Nozzle Orifice for Air Spray	: Approx. 1 – 1.5 mm	Air Pressure : approx. 3-4 bar/40-60 psi	
Wet Film Thickness (WFT)	: 90 – 135 microns or 3.6 – 5.5 mills		
Dry Film Thickness (DFT)	: 50 – 75 microns or 2.1 – 3.1 mills		
Theoretical Coverage	: 11.00 m ² /liter (DFT = 50 microns)		

FILM PROPERTIES

Drying Time (@ DFT = 50 mic)	:	20°C	30°C	40°C
• Surface Dry	:	35 – 45 minutes	20 – 30 minutes	15 – 25 minutes
• Hard Dry	:	5.5 – 7 hours	3 – 4 hours	2.5 – 3.5 hours

Re-coating Interval : Minimum 4 hours (30°C)
 Maximum -- *

Provide adequate ventilation during application and drying.

*It is depends on weather, exposure, thickness, storage.
 *For more details please contact PROPAN Technical supervisor

RECOMMENDED COATING SYSTEM

Primer Coat	: PROLAC PRIMER AKP-20600 Z/P
Finish Coat	: PROLAC TOPCOAT AKC-50600
Recommended Dry Film Thickness	: 2 coats (50 microns / coat)

SURFACE PREPARATION

1. All surfaces should be clean, dry and free from contamination accordance with SSPC-SP 1 solvent cleaning.
2. Oil or grease should be removed by solvent cleaning or industrial detergent.
3. Blast cleaning with suitable blasting material minimum Sa2, hand or power tool cleaning to a minimum standard of St2 in accordance with the ISO 8501-1 : 1988 or SSPC-SP 2.
4. Provide adequate ventilation during application.

INSTRUCTION FOR USE

Firstly stir well **AKP-20600 Z/P** until homogeneous, add thinner if needed and mix thoroughly. Mixed material could apply using airless spray, air spray, brush or roller. Use Thinner **THSG – 90300** as solvent cleaner. Provide adequate ventilation during application and drying.

SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective coating, such as overalls, goggles, dust mask, and gloves. Use barrier cream. Provide adequate ventilation during application. Do not breathe vapor of spray. This product is flammable. Do not smoke. Use only explosion proof equipment.

FIRST AID:

General	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eyes	: In the case of accidental splashes, flush eyes with clear running water for 5 minutes while holding eyelids open. If irritation persist, seek medical attention.
Skin	: Wash off thoroughly with plenty of water and soap. Do not use solvent or thinner. Removed contaminated clothing. If irritation persist, seek medical attention.
Inhalation	: Remove affected person to fresh air area, loosen collar, provide oxygen if breathing is difficult. If affected person is not breathing, administer CPR and seek emergency medical attention.

DISCLAIMER

This document contains information issued based on the best and latest of Propan's knowledge in accordance to laboratory testing and practical application experience. The end user must test the product's suitability for their specific application and purpose. Propan shall not be liable for defects where the application of the Product has not been made fully in accordance with the recommendations and requirements. This document is subjected to change without further notice. Please consult Propan for any specific guidance on the suitability of this product for their needs or for any specific application practices.