

# PROLAC QD AKP-50605

No. TD : A-041  
Revision : 04  
Effective Date : 22/02/2024

## PRODUCT DESCRIPTION & USES

**PROLAC QD AKP-50605** is a high solid alkyd primer designed as protective coating for metal surfaces, suitable for all interior and exterior applications, including container coating. This primer provides good anti corrosive and mechanical performances for light duty application.

## FEATURES

- Good Corrosion Protection
- Fast Dry
- Good Adhesion on Metal Substrate
- Good Flexibility
- Good Impact and Mechanical Performance

## PRODUCT SPECIFICATION

Colours : Light Grey, Red Brown, Red Oxide, etc.  
Finish : Matt  
Volume Solid : 75 ± 2%  
Specific Gravity : 1.75 ± 0.04 g/cc  
Flash Point : 25 °C  
Packaging : 25 Kg  
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 : Thinner B, THME-90110  
Application Method : Airless Spray                      Air Spray                      Brush/Roller  
Thinning Ratio by Volume : 5 - 10%                      15 - 20%                      10 - 15%  
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) : 65 – 100 microns or 2.6 – 4.1 mills  
Dry Film Thickness (DFT) : 50 – 75 microns or 2.1 – 3.1 mills  
Theoretical Coverage : 7.15 m<sup>2</sup>/kg (DFT = 60 microns)

## FILM PROPERTIES

Drying Time (@ DFT = 60 mic)	20°C	30°C	40°C
• Surface Dry	30 – 40 minutes	10 – 20 minutes	5 – 10 minutes
• Hard Dry	150 – 180 minutes	90 – 120 minutes	45 – 75 minutes

Re-Coating Interval : Minimum 30 minutes (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 QD AKP-50605**  
Finish Coat : **According to Specification**  
Recommended Dry Film Thickness : 2 coats (60 microns / coat)

## SURFACE PREPARATION

1. All surfaces should be clean, dry and free from contamination in accordance with SSPC-SP 1 solvent cleaning.
2. In case of new steel, abrasive sand blasting to minimum Sa2 in accordance with the SWEDISH STANDAR SIS 05 59 00 and ISO 8501-1: 1988 or SSPC-SP 6, hand or power tool cleaning to minimum standard of St2 in accordance with the ISO 8501-1:1988 or SSPC-SP 2 before applying recommended primer coating system.
3. For maintenance areas of breakdown, damage, and etc., should be prepared to the specified standard (e.g. Sa 2 (ISO 8501-1) prior to the application of PROLAC QD AKP-50605.
4. Provide adequate ventilation during application and drying.

## INSTRUCTION FOR USE

Firstly stir well **AKP-50605** until homogeneous, add thinner if needed and mix thoroughly. Mixed material could apply using airless spray, air spray, brush or roller. Use **Thinner B** or **THME-90110** 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.

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