

PROCRYL TOPCOAT ARC-50700

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PRODUCT DESCRIPTION & USES

PROCRYL TOPCOAT ARC-50700 is a one component primer and topcoat based on modified acrylic resin.

It provides following characteristics: outstanding resistance to weathering, excellent anti-corrosive properties, hard and flexible, easy to apply and fast drying. This product is suitable for ferrous and non-ferrous substrate and also direct to metal.

FEATURES

- Fast Dry
- Easy to Apply
- Direct to Metal Application
- Good Adhesion
- Good Weather Resistance
- Good Anti Corrosion

PRODUCT SPECIFICATION

Colours : Available on Propan Color card
Finish : Doff – Satin
Volume Solid : 42 ± 2%
Specific Gravity : 1.00 ± 0.02 g/cc
Flash Point : 23 °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, Thinner Yori Hitam
Application Method : Airless Spray Air Spray Brush/Roller
Thinning Ratio by Volume : 5 – 10% 20 – 30% 15 – 20%
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) : 120 – 175 microns or 4.9 – 7.1 mills
Dry Film Thickness (DFT) : 50 – 75 microns or 2.1 – 3.1 mills
Theoretical Coverage : 8.40 m²/liter (DFT = 50 microns)

FILM PROPERTIES

Drying Time (@ DFT = 50 mic)	20°C	30°C	40°C
• Surface Dry	20 – 30 minutes	10 – 20 minutes	5 – 8 minutes
• Hard Dry	3 – 4 hours	1 – 2 hours	0.5 – 1 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	: According to specification
Finish Coat	: PROCRYL TOPCOAT ARC-50700
Recommended Dry Film Thickness	: 2 coats (50 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) and primed prior to the application of PROCRYL TOPCOAT ARC-50700.
4. The Primer (if any) surface should be dry and free from all contamination (oil, grease, salt, etc.) and overcoated with PROCRYL TOPCOAT ARC-50700 within the overcoating intervals specified.
5. Provide adequate ventilation during application and drying.

INSTRUCTION FOR USE

Firstly stir well **ARC-50700** 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** and Thinner **Yori Hitam** 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.