

PROGUARD PRIMER 1K EMP-20670

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PRODUCT DESCRIPTION & USES

PROGUARD PRIMER 1K EMP-20670 is a one component primer coat based on special epoxy modified resin and provides good sanding ability. It can be used in the new building, maintenance and repair and for interior and exterior, construction machines, industrial machines etc.

FEATURES

- Fast Drying
- Good Wet on Wet Applicability
- Good Adhesion
- Good Corrosion Resistance,
- Good Sand Ability
- Good Minimum Surface Preparation
- Wide Top Coat Can be Applied on It

PRODUCT SPECIFICATION

Colours : White, Cream, Grey, Red Oxide as specified
Finish : Flat
Volume Solid : 60 ± 2%
Specific Gravity : 1.350 ± 0.05 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-90320
Application Method : Airless Spray Air Spray Brush/Roller
Thinning Ratio by Volume : 0 - 40% 20 - 40% 0 – 10%
Tip Size for Airless Spray Gun : 0.015 - 0.017 inch Air Pressure : approx. 160 bar/2300 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 – 85 microns or 2.6 – 3.4 mills
Dry Film Thickness (DFT) : 40 – 50 microns or 1.6 – 2.1 mills
Theoretical Coverage : 15 m²/liter set (DFT = 40 microns)

FILM PROPERTIES

Drying Time (@ DFT = 50 mic) :	20°C	30°C	35°C
• Surface Dry :	7 – 15 minutes	5 – 10 minutes	2 – 8 minutes
• Hard Dry :	70 – 90 minutes	50 – 75 minutes	45 – 60 minutes

Re-coating Interval : Minimum 60 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	: PROGUARD PRIMER 1K EMP-20760
Finish Coat	: According to Specification
Recommended Dry Film Thickness	: 1 coat (40 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

Stir well before use, preferable by means use mechanical mixer to ensure good homogeneity. Prepare one mixture as much as needed for application. Firstly stir well **EMP - 20760** until homogeneous. Use Thinner **THSG-90320** as solvent dilution. Mixed material could apply using airless spray, brush or roller. Use Thinner **THSG-90320** 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, and 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.