

Propan Aluminium DTM ALU-6003 DTM

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ALU-6003 DTM is a one component with special modified resin specially designed as direct to metal coating, which can be used as aluminium finish for Galvanised substrate.

FIELD OF APPLICATION

- Guardrail
- Metal and galvanized steel structure

PRODUCT FEATURES

1. One component, Direct to Metal Application
2. Easy to apply
3. Ready for use, without using thinner
4. Fast dry
5. Excellent UV resistance

PRODUCT DATA

Finish	: Aluminium look
Volume solid	: 24 ± 2 %
Specific gravity	: 0.94 ± 0.04

APPLICATION

Substrate	: Mild Steel, Galvanized steel
Application Condition	: 25 – 35°C, 60 – 80%RH
Application Method	: Spray
Thinning Ratio by volume	: 0% (ready for use)
Thinner	: Thinner Gori Hitam (if needed)
Wet Film Thickness	: 166 – 208 microns
Dry Film Thickness	: 40 – 50 microns
Recoating Interval	: minimum 4 hours (30°C)
Theoretical coverage	: 4.8 - 6 m ² /L (DFT = 40-50 mic) without thinning

FILM PROPERTIES

Drying time	: Surface dry = 20-30 mins (30°C)
	: Hard dry = 2 – 3 hours (30°C)

OTHERS

Storage Stability	: Six months if it is stored in cool and dry place, also in its original not opened package. (Do not store below freezing point)
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SURFACE PREPARATION

1. All surfaces should be clean, dry and free from contamination.
2. Oil or grease should be removed by solvent cleaning or industrial detergent.
3. Remove the rust with wire brush, sand paper, rust converter ROST X-10.
4. Provide adequate ventilation during application and drying.

INSTRUCTION FOR USE

1. Stir thoroughly then apply material using brush or roller or conventional air spray
2. If needed, apply the second coat after full drying.

RECOMMENDED COATING SYSTEM

Preceding coat : -
Subsequent coat : Propan Aluminium DTM ALU-6003 DTM

SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks, and solvent resistance gloves. Use barrier cream.

This product is flammable. Subject to spontaneous heating. Do not smoke. Use only explosion proof equipment. Do not breathe the vapor of spray. Ensure adequate ventilation and fresh air entry during application and drying. If there are experiences eye watering, headaches, dizziness or difficulty breathing, leave the area to obtain fresh or respiratory protection.

FIRST AID

Skin contact : wash with soap and water. If irritation occurs, seek medical advice.
Eye contact : rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
Inhalation : remove person to fresh air. Keep patient rested and give artificial respiration.
Ingestion : provide symptomatic treatment and seek medical advice.

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.