



CLEANER 607

INTRODUCTION

Cleaner 607 is an extremely effective etch cleaner process for aluminium prior to chromate conversion and zincate processes.

It is designed to operate with a foam blanket to prevent excessive misting.

BENEFITS

- Extremely effective etch for aluminium.
- Foam blanket to reduce misting.
- Free rinsing surfactants help prevent staining.
- Economical, effective cleaning over a long life.

SOLUTION MAKE -UP

Cleaner 607 35-75g/L Optimum 50g/L

OPERATING DATA

Temperature	20 – 60°C
Time	30 seconds – 5 minutes

EQUIPMENT

Tanks	Stainless steel, Polypropylene, Polyethylene, Unplasticised PVC, Titanium
Heaters	Teflon coated, PTFE or Titanium with thermostatic control

INSTALLATION

Equipment to be used for 607 Cleaner should be cleaned thoroughly before any product is added.

If in any doubt as to the cleaning procedure contact PMD Technical Department.

1. Half fill the equipment with clean water.
2. Add, with constant stirring, the required amount of Cleaner 607.
3. Continue stirring until all solids have dissolved
4. Make up to correct volume with clean water
5. Mix well and heat to operating temperature.

Note: the temperature of the solution will rise as Cleaner 607 dissolves.



PROCESS SEQUENCE

The following is a typical process sequence for cleaning aluminium which has been shown to give excellent results. If in any doubt as to the correct process sequence, contact PMD Technical Department.

1. Soak Clean, Cleaner 505
2. Rinse.
3. Cleaner 607.
4. Rinse.
5. Rinse.
6. Continue dependent on application.

MAINTENANCE AND CONTROL

The solution should be regularly analysed and replenished as necessary.

Evaporation losses should be replaced with water.

Concentration losses should be replaced with Cleaner 607.

The solution should be discarded and a fresh one made up when replenishment does not regain performance.

ANALYSIS METHOD

Reagents

1.0N sulphuric acid

Methyl orange indicator

Method

1. Pipette a 10.0ml sample of the working solution into a 250ml conical flask
2. Add approximately 50ml of deionised water and mix well
3. Add 2-3 drops of methyl orange indicator and mix well
4. Titrate with 1.0N sulphuric acid to an orange/red end point
5. Record titre = t mls

Calculation

$t \times 5.06 = \text{g/L PMD Cleaner 607}$

Replenishment

For every 1g/L low add 1g/L Cleaner 607

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
Cleaner 505	206001
Cleaner 607	206031

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