

# Titanium Cleaning and Chemical Coating



COTEC has various surface treatment technologies and the company concentrates on products development and quality control to develop various surface treatment items



## Production items and applications

Department / Material	Aircraft / Ti	
Usage	Cleaning	Appearance, FPI pre-treatment, Primer painting
	Chemical conversion film	Appearance, Corrosion resistance, Primer painting
Applied specifications	External	BOEING, AIRBUS, LOCKHEED MARTIN, SAGEM
	Internal	HANHWA, KAI

## Detailed approval of titanium cleaning and chemical conversion film process

Cleaning	BOEING, AIRBUS, LOCKHEED MARTIN
Chemical conversion film	THALES HANWHA, SAGEM

## Equipment condition

AERO COTEC	Titanium cleaning	4,100 × 970 × 1,600 mm
	Chemical conversion film	480 × 470 × 1,000 mm



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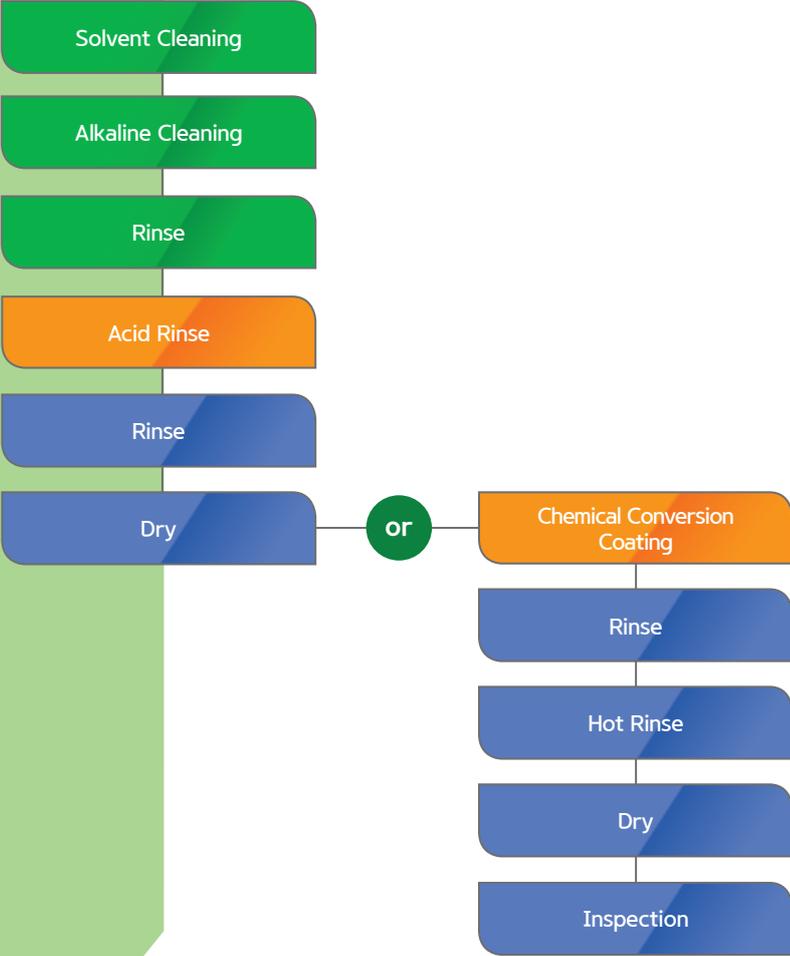


Capable of coating complex parts

## Our technologies and their applications

### Characteristic

- To remove contaminants by etching.
- An etching when
  - Prior to thermal treatments.
  - Prior to welding.
  - Prior to application of conversion coating.
  - Prior to priming or painting.
  - Prior to steel shot peening.



## Process