

# TRACEABILITY REPORT

## 1. Product Details

Product ID: Batch Number:	AU005-P023 B020
Product Description:	Industrial Coating - High Durability Protective Coating PL-
Plant Code: Plant Address:	CHN-045 No. 12, Industrial Zone, Shanghai, China 25th
Manufacturing Date:	January 2025
Manufacturing Machine:	Coating Mixer 5000X

## 2. Manufacturing Process Details

**Phase 1: Raw Material Mixing** Description: Base material blending and pre-processing

Start Time: 08:00 AM | End Time: 09:30 AM

Machine Code: MX-1001

### Machine Settings: - Averaged for the execution window

- Temperature: 75°C
  - Run Time: 90 minutes
  - Mixer Speed: 1200 RPM
  - Pressure: 2.5 bar
- Operator: John Doe | Skill Level: Expert

### Phase 2: Coating Formulation

Description: Addition of pigments, binders, and stabilizers

Start Time: 10:00 AM | End Time: 11:45 AM

Machine Code: BL-2302

### Machine Settings: - Averaged for the execution window

- Temperature: 80°C
  - Run Time: 105 minutes
  - Mixer Speed: 1500 RPM
  - Pressure: 3.0 bar
- Operator: Emily Carter | Skill Level: Medium

**Phase 3: Quality Stabilization & Packaging**

Description: Final product quality check, stabilization, and packing

Start Time: 12:30 PM | End Time: 02:00 PM

Machine Code: PK-4505

**Machine Settings: - Averaged for the execution window**

- Temperature: 25°C
- Run Time: 90 minutes
- Pressure: 1.5 bar

Operator: Mark Stevens | Skill Level: Expert

**3. Quality Inspection & Compliance**

Quality Parameter	High Level	Low Level	Actual	Status
Viscosity	50 Pa.s	30 Pa.s	42 Pa.s	Approved
Adhesion Strength	8 MPa	5 MPa	6.5 MPa	Approved
Curing Time	5 hours	3 hours	4 hours	Approved

Quality Status: Approved

Released By: QA Inspector - Sarah Johnson

**4. Warehouse Storage & Environmental Conditions**

Storage Time:	02:30 PM (25th January 2025) to Dispatch
Storage Location:	Warehouse B, Section 3
Average Storage Temperature:	22°C
Average Humidity:	55%

**Report Summary**

The manufacturing batch AU005-P023-B020 of Industrial Coating had successfully passed all quality and operational checks. The batch was manufactured under controlled conditions with expert supervision and is now stored in an optimized environment awaiting dispatch.

Prepared By: AI Agent