



奈米標章  
nanoMark

# CERTIFICATE

Certificate No. 2023-030

This is to certify that the products listed below produced by

**JM Material Technology Inc.**

are in compliance with the requirements of nanoMark Product Certification System

- I. Company Name : **JM Material Technology Inc.**
- II. Company Certificate : **No.057**
- III. Address : **5th floor of 3, No.40-2, Sec. I, Minsheng N.Rd., Guishan Dist., Taoyuan City 333, Taiwan ,R.O.C.**
- IV. Representative : **Su, Miao-tsung**
- V. Approved product : **Self-Cleaning Nano Photocatalyst Paint**
- VI. Product name, model/specification, approved item number and efficacy:

| Product name              | Model / Specification | Approved item number | Efficacy  |
|---------------------------|-----------------------|----------------------|---|
| JM Nanocomposite Material | JM-TS001              | 03026                | In compliance with the requirements of 「TN-031 Verification and Validation Standard on Self-Cleaning Nano Photocatalyst Paint」 : the following specifications are satisfied,<br>1. Water Contact Angle test : The critical contact angle is less than 10° after 48 hours of illumination.<br>2. Wet Methylene Blue Decomposition Performance test : The decomposition activity index is higher than 10 nmol/(L · min) after 3 hours of illumination.<br>3. Durability (weatherability) test : The functionality of the decomposition activity index is higher than 5 nmol/(L · min) after QUV exposure 500 hours, then 1,000 cycles of scrubbing. |

VII. Date of Certificate Issuance : **Jan. 01, 2023**

Date of Certificate Expiration : **Dec. 31, 2023**

**Taiwan Nanotechnology  
Industry Development Association**

**Jan. 01, 2023**