

Photocatalytic Coatings Market by Type (TiO₂, ZnO), Application (Self-Cleaning, Air Purification, Water Treatment, Anti-fogging), End-use (Building & Construction, Transportation) & Region(North America, Europe, APAC, SA & MEA) - Global Forecast to 2028

<https://marketpublishers.com/r/PB462E34D1F0EN.html>

Date: July 2023

Pages: 168

Price: US\$ 4,950.00 (Single User License)

ID: PB462E34D1F0EN

Abstracts

The Photocatalytic Coatings market is projected to grow from USD 0.9 billion in 2023 to USD 1.4 billion by 2028, at a CAGR of 9.7% between 2023-2028. The challenges related to the Photocatalytic Coatings market are cheaper alternatives available in the market and less awareness about these coatings between consumers.

“Zinc Oxide Photocatalytic Coatings are estimated to be the fastest growing segment in the market.”

Nanostructured ZnO is a fascinating material that possesses and reveals exceptional physicochemical properties when used in photocatalytic applications. As a semiconductor, ZnO has high thermal conductivity, high exciton binding energy (60 meV), high electron mobility and wide band gap, i.e., 3.2–3.4 eV. The potential of photocatalytic activity of nZnO expands its scope in biomedical [20], industrial, catalysis, coatings, sensors, textiles, and energy conversion devices, i.e., fuel and solar cells.

“Building & Construction to gain the maxim

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*Details on Business overview, Products offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

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