

India Coil and Extrusion Coatings Market, By Type (Topcoats, Primers, Backing Coats, Specialties), By Resin (Polyester, Silicone Modifier Polyester, Fluorocarbon (PVDF), Polyurethane, Plastisol, Epoxy, Others), By End User (Architecture, Automobile, Consumer Durables, Furniture, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F

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Abstracts

Market Overview

India Coil and Extrusion Coatings Market was valued at USD 1985.89 INR Crore in 2024 and is expected to reach USD 3662.72 NR Crore by 2030 with a CAGR of 10.70%. The India Coil and Extrusion Coatings Market is witnessing consistent growth, driven by the country's accelerating industrial expansion, infrastructure modernization, and rising adoption of pre-coated metal substrates across diverse end-use industries. These coatings applied to metal coils and extruded aluminum profiles are essential for enhancing material performance, offering protection against corrosion, weathering, and mechanical wear, while also delivering superior aesthetic finishes.

The market is well-positioned for long-term growth, supported by structural economic reforms, diversification across industrial verticals, and increasing demand for high-performance, environmentally sustainable coatings. As end-user industries shift toward value-added, durable, and compliant materials, manufacturers are expected to leverage this opportunity by scaling up technological advancements, offering application-specific formulations, and expanding localized manufacturing infrastructure to strengthen their market footprint.

Key Market Drivers

Rapid Urbanization and Infrastructure Development

Rapid urbanization and infrastructure development are among the most influential macroeconomic forces propelling the growth of the India Coil and Extrusion Coatings Market. Urbanization in India is accelerating at a significant pace, with official projections indicating that by 2036, approximately 40% of the country's population will be living in urban centers. This demographic shift is expected to create sustained demand for urban infrastructure, modern housing, and commercial developments, thereby intensifying the need for advanced construction materials, including pre-coated metals and extrusion-coated components used in facades, roofing, and structural systems. In these projects, pre-painted metal sheets, aluminum extrusions, and architectural profiles coated with coil and extrusion coatings are extensively used in roofing, facades, cladding, window frames, curtain walls, and doors. These coated materials offer aesthetic uniformity, resistance to corrosion, UV protection, and minimal maintenance, making them highly suitable for long-term infrastructure needs. As a result, the demand for top-quality coatings that ensure color durability and weatherability has increased significantly.

India has approved the development of 12 new industrial smart cities and complementary infrastructure projects under the National Industrial Corridor Development Programme (NICDP), signaling a strategic move to strengthen the country's manufacturing and logistics backbone. These smart cities will collectively attract an investment of INR 286.02 billion (US\$3.41 billion), focusing on the creation of integrated industrial ecosystems equipped with next-generation utilities and transport connectivity. Additionally, pre-engineered buildings (PEBs) and modular construction methods, which rely heavily on pre-coated steel components, are being increasingly adopted for their speed and cost-efficiency. These developments are not limited to tier-1 cities; tier-2 and tier-3 cities are also witnessing infrastructure expansion, widening the market scope for coil and extrusion coatings. As urban infrastructure becomes more complex and performance-driven, there is growing emphasis on using materials that combine both functionality and aesthetics. Coatings that deliver enhanced scratch resistance, thermal insulation, anti-corrosive properties, and color fastness are in high demand for use in building exteriors exposed to India's diverse and harsh climatic conditions. This shift toward long-life, energy-efficient building materials is accelerating the need for premium-grade polyester, SMP, and PVDF-based coatings. Additionally, the demand for coatings in vibrant colors, textured finishes, and metallic sheens is rising among architects and developers focused on modern, visually distinct buildings. In

2023, warehousing space absorption across Tier II and III cities surged by 41%, reaching 16.4 million square feet, up from 11.6 million square feet in 2022. This sharp increase reflects the growing shift of logistics, e-commerce, and third-party supply chain operators toward emerging consumption hubs beyond the metro regions, driven by cost efficiencies, improved connectivity, and expanding regional demand. Facilities such as logistics parks, cold storage units, and assembly plants use a wide range of metal panels and structural extrusions that are factory-coated for speed of installation and lifecycle performance. Coil and extrusion coatings in these applications offer durability, quick turnaround, and cost-efficiency, helping operators minimize future maintenance and energy costs

Key Market Challenges

High Dependency on Imported Raw Materials and Resin Technologies

A key challenge for the Indian coil and extrusion coatings industry is its reliance on imported raw materials, especially in the case of high-performance resins, specialty pigments, and advanced additives. Resins such as fluoropolymers (PVDF) and silicone-modified polyesters, which are essential for premium applications, are not widely produced in India and must be sourced internationally. Currency volatility, logistics bottlenecks, and import tariffs can lead to cost fluctuations, which impact product pricing and overall competitiveness especially for domestic manufacturers catering to cost-sensitive segments.

This dependency also limits the industry's ability to quickly scale or customize solutions, especially in times of geopolitical disruption or global supply shortages, as witnessed during the COVID-19 pandemic and subsequent freight crises. Until India builds a robust, localized raw material ecosystem, this over-reliance will continue to act as a constraint on product innovation and pricing stability.

Key Market Trends

Transition Toward High-Performance and Functional Coatings

One of the most prominent trends is the rising preference for high-performance and functional coil and extrusion coatings that go beyond basic aesthetics and corrosion resistance. End-users are increasingly seeking advanced surface functionalities such as: Self-cleaning properties, Anti-microbial finishes, Thermal reflectivity and energy efficiency, Anti-graffiti and scratch resistance. This trend is particularly visible in smart

buildings, hospitals, food-processing units, cold storage infrastructure, and transport systems, where coatings must perform under aggressive environmental and hygiene standards.

The demand for custom-engineered coatings including multi-layered systems and hybrid chemistries is growing among architects and OEMs looking for unique performance specifications. This evolution reflects the shift from commodity coatings to value-added, engineered materials, reshaping product development pipelines.

Key Market Players

JSW

Akzo Nobel

AP-PPG

Kansai nerolac

Berger Paints

PPG-AP

Report Scope:

In this report, the India Coil and Extrusion Coatings Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Coil and Extrusion Coatings Market, By Type:

Topcoats

Primers

Backing Coats

Specialties

India Coil and Extrusion Coatings Market, By Resin:

Polyester

Silicone Modifier Polyester

Fluorocarbon (PVDF)

Polyurethane

Plastisol

Epoxy

Others

India Coil and Extrusion Coatings Market, By End User:

Architecture

Automobile

Consumer Durables

Furniture

Others

India Coil and Extrusion Coatings Market, By Region:

North India

South India

East India

West India

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Coil and Extrusion Coatings Market.

Available Customizations:

India Coil and Extrusion Coatings market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. INDIA COIL AND EXTRUSION COATINGS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Type (Topcoats, Primers, Backing Coats, Specialties)
 - 5.2.2. By Resin (Polyester, Silicone Modifier Polyester, Fluorocarbon (PVDF), Polyurethane, Plastisol, Epoxy, Others)
 - 5.2.3. By End User (Architecture, Automobile, Consumer Durables, Furniture, Others)

- 5.2.4. By Region
- 5.2.5. By Company (2024)
- 5.3. Market Map

6. NORTH INDIA COIL AND EXTRUSION COATINGS MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Type
 - 6.2.2. By Resin
 - 6.2.3. By End User

7. SOUTH INDIA COIL AND EXTRUSION COATINGS MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Type
 - 7.2.2. By Resin
 - 7.2.3. By End User

8. EAST INDIA COIL AND EXTRUSION COATINGS MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Type
 - 8.2.2. By Resin
 - 8.2.3. By End User

9. WEST INDIA COIL AND EXTRUSION COATINGS MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Type
 - 9.2.2. By Resin
 - 9.2.3. By End User

10. MARKET DYNAMICS

- 10.1. Drivers
- 10.2. Challenges

11. MARKET TRENDS & DEVELOPMENTS

- 11.1. Recent Developments
- 11.2. Product Launches
- 11.3. Mergers & Acquisitions

12. INDIA ECONOMIC PROFILE

13. INDIA COIL AND EXTRUSION COATINGS MARKET: SWOT ANALYSIS

14. COMPETITIVE LANDSCAPE

- 14.1. JSW
 - 14.1.1. Business Overview
 - 14.1.2. Product & Service Offerings
 - 14.1.3. Recent Developments
 - 14.1.4. Key Personnel
 - 14.1.5. Financials (If Listed)
 - 14.1.6. SWOT Analysis
- 14.2. Akzo Nobel
- 14.3. AP-PPG
- 14.4. Kansai nerolac
- 14.5. Berger Paints
- 14.6. PPG-AP

15. STRATEGIC RECOMMENDATIONS

16. ABOUT US & DISCLAIMER

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