



**Process-driven  
Industrial partner**



# Range of series of KROMA PAINTS

## STEELGAURD SERIES



## MARINESHIELD SERIES



## OEM+ SERIES



## OEM+ Series

### Advantages

- Rapid-dry DTM systems
- High resistance to oil, abrasion
- Batch-ready, aesthetic + functional finish

### Applications

- Earthmoving machinery, Panels, Fabrication
- Pumps, Compressors, Enclosures
- OEM Paint Shops, Cabinets, Fans

## Range of Product

Kroma Zinc Silicate Primers	Kroma PU Paint
Kroma Epoxy Zinc Rich Primers	Kroma PU Stipple Finish
Kroma Epoxy HB MIO	Kroma HB PU Finish
Kroma Epoxy Primer	Kroma Polysiloxane Paint
Kroma Epoxy HB Finish	Kroma Stoving Paint
Kroma Rubber Paint	Kroma Hammertone Finish
Kroma Fast Drying Alkyd HB Finish	Kroma Fast Drying Alkyd Finish
Kroma Alkyd Primers	Kroma Alkyd Finish

## Range of Series

### SteelGuard Series

### Advantages

- 7-10 Year Protection
- Available in 2-coat,3-coat & DTM formats
- Fast Application
- Long Repaint Cycles

### Applications

- PEBs, Industrial sheds,Transmission tower
- Bridges, Airports, Power Plants
- Refineries, Metro & Flyovers

### Marinshield Series

### Advantages

- Withstands > 1000 hrs salt spray
- Combines Zinc + MIO + PU
- Trusted by EPCs & Port Authorities

### Applications

- Ports, Jetties, Shipyards
- Offshore Platforms, Coastal Pipelines
- Salt & Fertilizer Yards





## Why Consistency Fails in Industrial Coatings —

- External resin dependency → formulation drift
- Limited testing → late failure detection
- Single-stage QC → batch inconsistency

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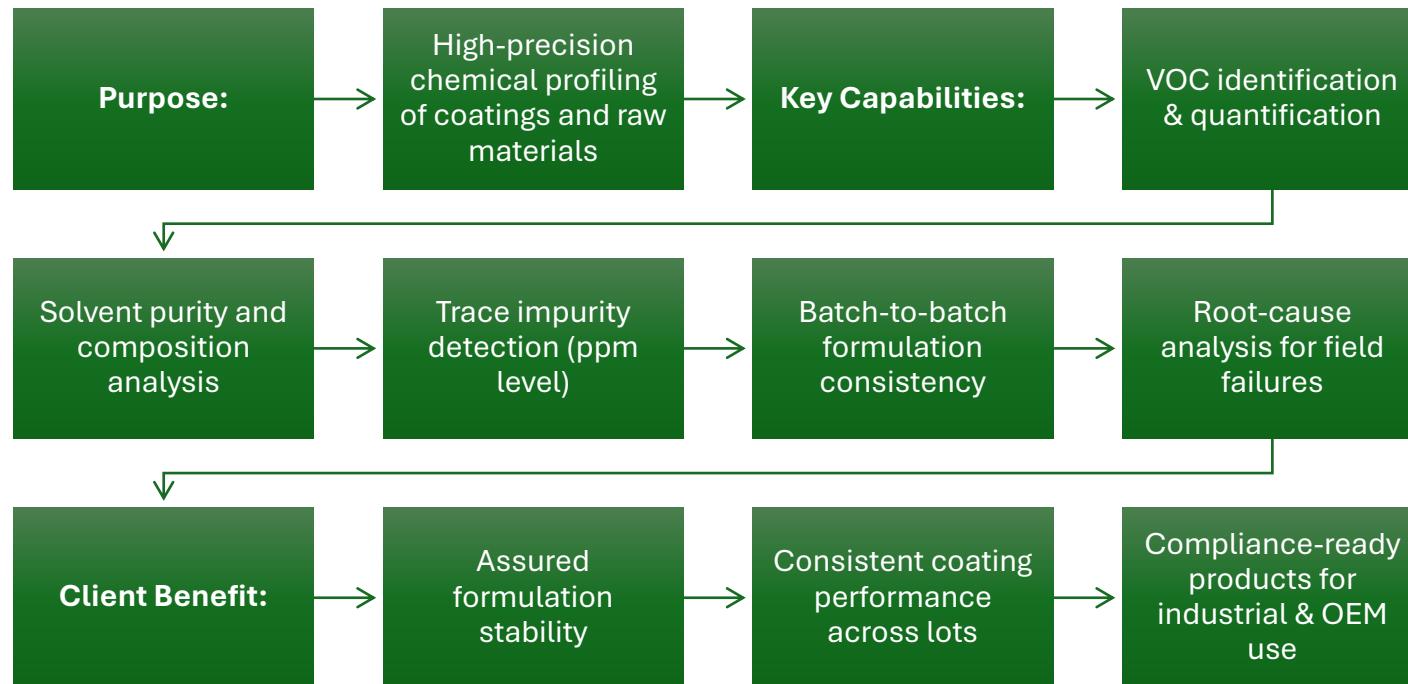
## HOW WE PREVENT IT

Our integrated resin + testing + production model eliminates these risks.



Advanced Chemical Analysis Capability – GC-MS

# Instrument: PerkinElmer Gas Chromatography–Mass Spectrometry (GC–MS)





# Elemental & Pigment Analysis Capability – ICP–OES

## Instrumentation:

ICP–OES: PerkinElmer  
Optima 8000

Microwave Digestion:  
PerkinElmer Titan MPS



- **Key Capabilities:**

- Elemental analysis of pigments & fillers
- Heavy metal detection & compliance screening
- Pigment concentration verification
- Raw material and batch consistency control
- Long-term colour & performance stability validation

- **Client Benefit:**

- Stable shade & finish across production lots
- Compliance-ready coatings for OEM & export markets
- Reduced risk of field failures due to formulation drift



Corrosion Resistance Validation – Salt Spray Testing



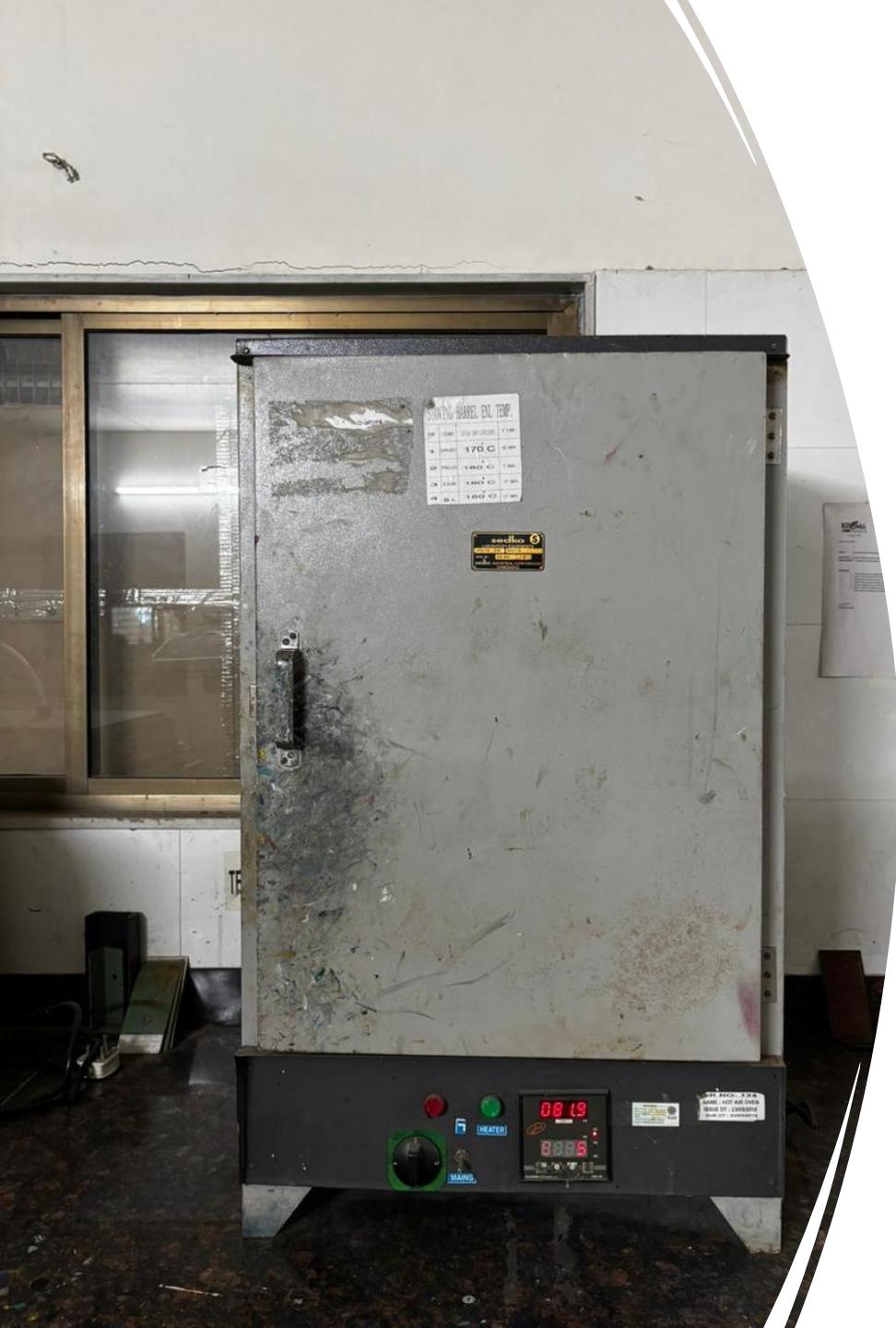
# Scratch & Abrasion Resistance Testing

- **Test Capability:**
- Controlled scratch resistance evaluation on coated panels
- **Key Parameters:**
- Progressive load application
- Visual & substrate damage assessment
- Comparative durability benchmarking
- **Client Benefit:**
- Coatings engineered for real-world mechanical abuse
- Reduced cosmetic and functional damage in service



# Curing & Thermal Performance Testing

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- **Test Capability:**
- Controlled temperature curing and performance validation
- **Key Parameters:**
- Temperature consistency
- Curing time verification
- Film integrity post-heat exposure
- **Client Benefit:**
- Reliable coating performance
- No premature failures due to curing defects



# Moisture Content Analysis

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- **Test Capability:**
- Precise moisture measurement at ppm levels
- **Key Parameters:**
- Water content in solvents & formulations
- Batch-level quality verification
- **Client Benefit:**
- Improved coating stability
- Reduced risk of application defects
- Longer shelf life



# Colour Consistency & Visual Acceptance Testing

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- **Test Capability:**
  - Multi-light source colour evaluation & metamerism control
- **Key Parameters:**
  - Shade matching under standardized lighting
  - Batch-to-batch visual consistency
  - Final approval before dispatch
- **Client Benefit:**
  - No shade variation surprises on site
  - Reliable colour identity across applications
  - OEM-grade visual consistency



# Environmental & Humidity Resistance Testing

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- **Test Capability:**
  - Controlled humidity & temperature exposure testing
- **Key Parameters:**
  - High-humidity resistance
  - Adhesion and film integrity monitoring
  - Environmental durability assessment
- **Client Benefit:**
  - Reduced blistering and moisture-related failures
  - Reliable performance in tropical conditions
  - Improved shelf life and in-service durability



We control the backbone of our coatings — THE RESIN.



# In-House Resin Manufacturing Capability

- **Why Resin Matters:**
  - Resin defines adhesion, durability, flexibility, and chemical resistance
  - Minor variation in resin quality causes major coating performance shifts
- **Our Capability:**
  - In-house resin manufacturing for key coating systems
  - Controlled raw material selection and reaction parameters
  - Batch-level monitoring and validation
  - Direct integration with paint formulation and testing labs
- **Client Benefit:**
  - Superior formulation consistency
  - Faster customization for OEM-specific requirements
  - Long-term performance stability
  - Reduced formulation drift over time



Integrated Manufacturing & Production Infrastructure

# Integrated Manufacturing & Production Infrastructure

- **Infrastructure Highlights:**
  - Multiple batch reactors for resin & paint manufacturing
  - Controlled process flow from raw material to finished goods
  - Dedicated production zones for consistency and scale
  - Bulk handling and staging for high-volume dispatch
- **What This Enables:**
  - Repeatable batch quality
  - Controlled formulation execution
  - Stable output across large volumes
- **Client Value:**
  - Reliable supply at scale
  - No batch-to-batch surprises
  - Reduced dependency on third-party processors



**“YOUR EQUIPMENT  
RUNS LONGER. YOUR BRAND  
STANDS STRONGER.”**

**Engineered  
to endure.  
Built to protect.**

Kroma industrial Coating - strength in every layer

**Kroma Industrial Coatings —  
Consistency engineered into every  
layer**



Engineered For Durability

