



# POWDER COATINGS

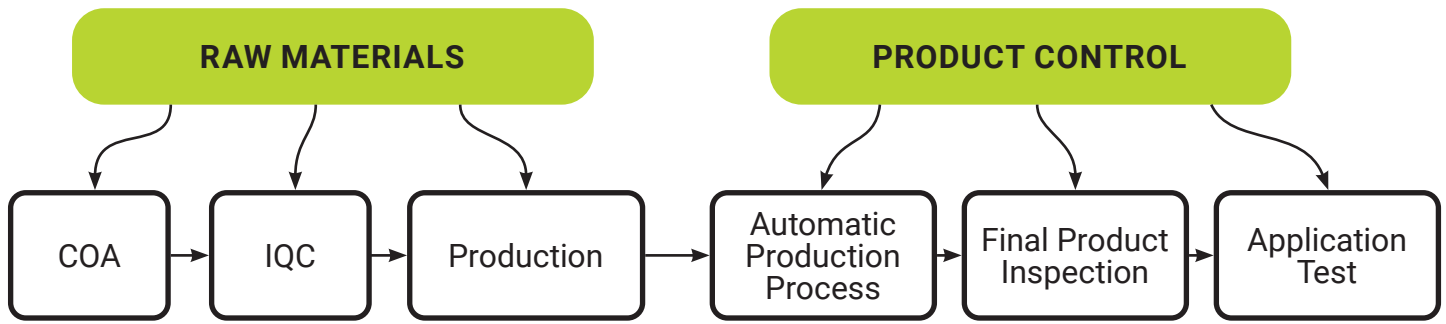
2024 AICHEMICA International Co., LTD

# COMPANY PROFILE

AICHEMICA International Co., LTD is an international company, specialized in development, consulting and supplying chemical raw materials. We are a professional company specialized in research, development and supply different chemical raw materials. We offer high quality products, advanced know-how, after-sales service and technical support. AICHEMICA is able to meet most challenging product requirements to provide effective solutions to the construction, building and petrochemical industries.

Our products are achieved customer satisfaction through quality management, high technical R&D assistance in multiple countries such as: Russian Federation, Uzbekistan, Kazakhstan, Kyrgyzstan, Egypt and UAE. We are cooperating with the leading technical engineers who have PhD degrees in the field of product development and advanced application methods.

# QUALITY CONTROL



## PRODUCT OVERVIEW



**1** Polyester Resin



**2** Powder Coating



**3** Liquid Paint



**4** Raw Materials



# COMMON POWDER COATINGS

1. Pure Epoxy Powder Coatings
2. Epoxy/Polyester Powder Coatings
3. Polyester/TGIC Powder Coatings
4. Polyester/Primid Powder Coatings
5. Acrylic Powder Coatings



# SPECIAL POWDER COATINGS

1. Special Powder Coatings  
for Aluminum Wheel-Hub and other Auto parts
2. Electrical Insulation Powder Coatings
3. Coil Pre-coated Powder Coatings
4. Architecture Aluminum Powder Coatings
5. Bonding Metallic Powder Coatings
6. MDF Powder Coatings
7. Artistic Textured Powder Coatings
8. FBE Powder Coatings
9. Anti-microbial Powder Coatings
10. Anti-graffiti Powder Coatings



# SPECIAL POWDER COATINGS FOR WHEEL-HUB

## Primer Powder

Certified by many automobile factories,  
more than 50% domestic market share.

Good leveling, good physical and chemical properties, no need grinding



## Clear Powder

High transparency and fullness, can do  
color through.

Customized gloss, matte transparent  
powder can replace glitter + transparent  
paint process

*End Users: Mercedes-Benz, BMW, Audi, Volkswagen, GM, Ford, Honda, Toyota, Nissan*  
Customized gloss,  
matte transparent powder can replace glitter + transparent paint process





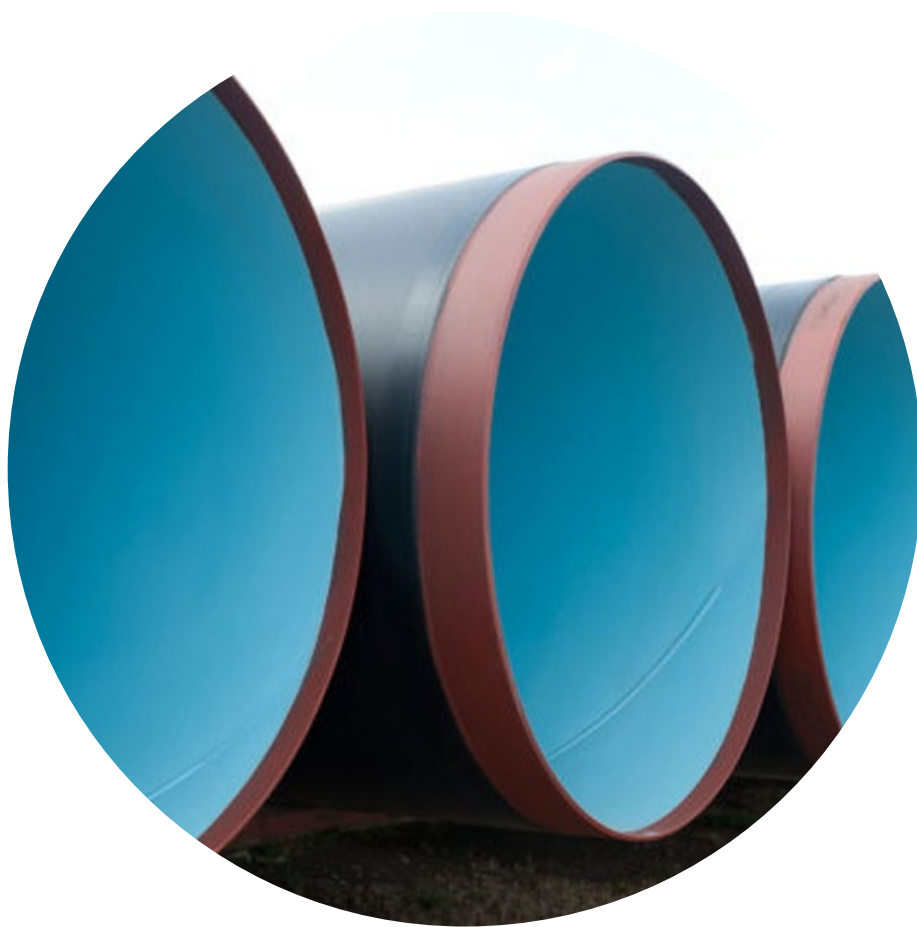
# FBE POWDER COATINGS FOR PIPES

**For Oil  
and gas pipeline**

Fast-curing epoxy heavy-duty  
anti-corrosion product

**For water pipe valve;  
urban underground  
corridor**

It has good resistance to cathod-  
ic disbondment

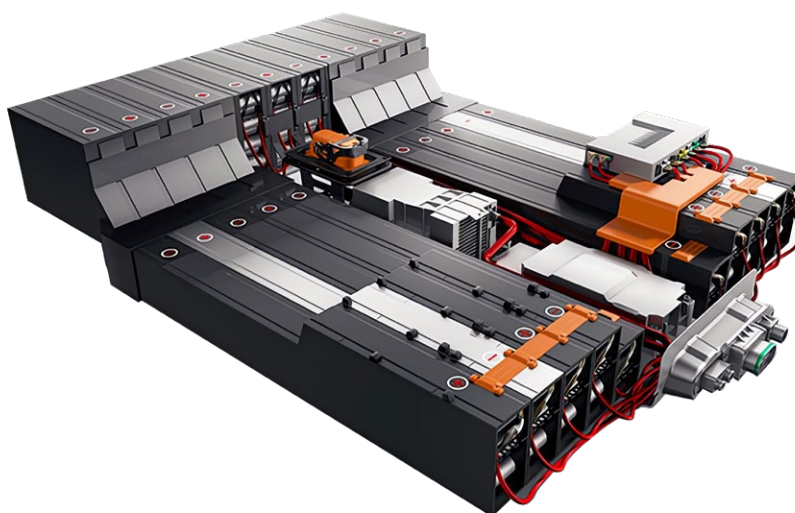


# SPECIAL POWDER COATINGS FOR WHEEL-HUB

## Insulation

American UL certification

New energy vehicle power  
battery shell, Busbar



## Energy Storage

Primer coated with heavy-duty anti-corrosion insulating powder.

Surface coated with super  
weather-resistant polyester powder.

Two coats and two bakes  
or two coats and one bake.

*Main Customers: CATL, BYD, CRRC, Huawei Technologies, Honeycomb Energy, Schneider Electric, Shunco Zhilian, Sensata Technology, Molex, Huawei Technologies, Emerson, ZTE, etc*





# COIL PRE-COATED POWDER COATINGS

**Coiled steel** Conforms to European and American indoor electrical household product standards.

Excellent bending performance at low temperature;  
Excellent anti-attenuation performance.

Super high coating speed up to 60-100m/min

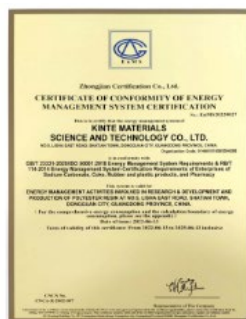
**Coiled Aluminum** Ultra-fast cure (30 seconds).  
Neutral salt spray 500/1000 hours.

Can be used in home appliances, factory buildings, prefabricated houses, ceilings, partition walls, elevators, fire doors, etc.



# CERTIFICATIONS

- IOSO14001 Environmental Management System Certification
- ISO9001 Quality Management System Certification
- EnMs50001 Energy Management System Certification
- OHSAS18001 Occupational Health and Safety Management System Certification



| Item                        | Unit   | Value | Unit                        | Value  | Unit | Value |
|-----------------------------|--------|-------|-----------------------------|--------|------|-------|
| Density                     | g/cm³  | 1.25  | Viscosity                   | Pa·s   | 1.25 | 1.25  |
| Viscosity                   | Pa·s   | 1.25  | Solubility                  | g/100g | 1.25 | 1.25  |
| Solubility                  | g/100g | 1.25  | Stability                   | h      | 1.25 | 1.25  |
| Stability                   | h      | 1.25  | High temperature resistance | h      | 1.25 | 1.25  |
| High temperature resistance | h      | 1.25  | High temperature resistance | h      | 1.25 | 1.25  |



- Qualicoat certification for aluminium profile powders
- UL certification for electrical insulation powders
- IATF6949 certification for aluminium wheel-hub powders
- WARS certification for FBE pipeline powders







AICHEMICA International Co., LTD

Zhejiang province, China

Tel.: +1 647 930 8760

WhatsApp, WeChat: +7 962 830 3262 (Central Asia and Russia)

+ 971 52 463 9806 (UAE)

+ 98 912 182 7308 (Iran)

Email: [sales@aichemica.com](mailto:sales@aichemica.com)

[www.aichemica.com](http://www.aichemica.com)