



Container Powder Coating

The revolutionary coating process
reshaping container industry



Genuin Environmental Protection
Technologies Co., Ltd.



About Genuin Technologies



Johnson Pan

Founder & President

30+ years of experiences
in powder coating industry



Shawn Tang

Co-Founder & Vice President

20+ years of experiences
in powder coating industry

Genuin is a general contractor, providing clients with services from equipments to powder R&D; container powder coating is the faith of both of us

The Journey Of Container Powder Coating



Exploring

Starting to cooperate with CIMC for powder coating exploration

2008



Strategic Partnership

Signed a strategic partnership agreement with CIMC

2019.09

Construction

Starting the construction of the powder coating line

2021.11

Mass Production

Starting mass production of container powder coating



2022.03

Industry Seminar

Holding the first powder coating seminar in container industry



2022.08

The Advantages Of Powder Coating

1960S

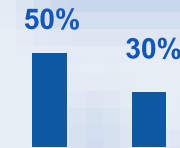
Widely applied in varieties of industries in the world since 1960s



Quality

Electrostatically spraying, easy application, better performances

Percentage



Powder Centre

For powder coating, China is the center of manufacturing and application

100% solid paint, reclaimable, no paint residues, no waste water, no VOCs



Green

Annually the world's 50% powder output from China, 30% market value from China

Powder Market

The Advantages Of Powder Coating



More than 8000 times of sample panel tests;

More than 12 times of KTA test ;

Particularly built a Whole Container Salty Fog Lab holding 2 40-Foot containers together;

Powder



Waterborne paint



KTA Report

Panel IDs	Product (Code), Product Name, & DFT	Coating Type	Corrosive Group Points	Mechanical Group Points	Cosmetic Group Points	Total Points
EOI-111 through EOI-125	E – Epoxy Powder Primer, 38-42µm	Interior	53	45	Not Applicable	98
	EP – Epoxy Powder Topcoat, 42-48µm					
EOE-1111 through EOE-1125	E – Epoxy Powder Primer, 40-48µm	Exterior	70	21	1	92
	PP – Polyester Powder Topcoat, 45-53µm					

Panel ID	Coating System	Exterior or Interior	Corrosive Group Points	Mechanical Group Points	Cosmetic Group Points	Total Points
27 through 38	Waterborne Epoxy Zinc Rich Primer 118009/118100/DI Water (35µm)	Exterior	67	18	4	89
	Waterborne Epoxy Topcoat 122809/121800/DI Water (50µm)*					
	Waterborne Acrylic Topcoat 312819/DI Water (35µm)					
39 through 52	Waterborne Epoxy Zinc Rich Primer 118009/118100/DI Water (35µm)	Interior	49	30	Not Applicable	79
	Waterborne Epoxy Topcoat 122809/121800/DI Water (45µm)					

About The Powder Coating Line



The Biggest Powder Coating Line in the world

Capacity	24 40HC/hour
Floor Space	About 5,000 M²
Investment	USD 15 Millions
Powder Coating Equipments	Mainly from Nordson, US (Booths, guns)
Powder Resins	Allnex(world's No.1 coating resin, Germany) / Synthomer(UK)
Orders delivered	CMA-CGM 500 20-Foot-GP; Hapag-Lloyd 200 40-Foot-High Containers; 13,000 40-Foot-High Containers for domestic logistic companies

New Coating Process, New Business Modal



BOT modal: Build, Operation and Transfer

Genuin built the line, operates for agreed period of time, and transfer the ownership to CIMC.

Multi win situations for all parties involved.

BOT modal will accelerate the transition from WBP to powder coating.

For

Container producers

**Low risk,
quick reproduction &
embrace new technology**

For

Container buyers

**Getting better products
quickly, getting more
direct, effective and all-
round technical services**

For

Genuin

**Technically responsible for
all issues of equipments
and powders, better for
serving clients
and quality controlling**

Gratitude To CIMC



**There is always something higher than money, there is always a company like CIMC
Reserved a 5000 m² open space in new workshop for new coating process exploration.
Sacrificing lots of manufacturing capacity to support our numerous tests**

5000 m² open space

**Only open space
available for powder
coating line building in
CIMC and the industry**

Mentoring Genuin

**Mentoring us on
container structures
and requirements**

Shareing Technology

**Sharing new technology
with all competitors;
leading the industry
responsibly**



Welcome to Stand B10



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