



**COATING (THAILAND) CO., LTD.**

**COMPANY PROFILE**

# Company Information



Company Name : TS COATING ( THAILAND ) CO., LTD.

Shareholder : 51% SIAM MOTOR GROUP\  
39% TS COATING TECHNOLOGY LABORATORY CO.,LTD.  
10% OHASHI CHEMICAL INDUSTRYIES LTD.

Capital Amount : 6,000,000 BAHT

Established : 3 August 2004

President : Mr.Takeshi Sato

Address : 1/11 Bangna Thani Bldg., 5B Floor, Soi Bangna – Trad 34,  
Bangna Tai, Bangna Bangkok 10260  
Tel : ( 02 ) 361 3900, ( 02 ) 361 3898  
Fax : ( 02 ) 361 3899

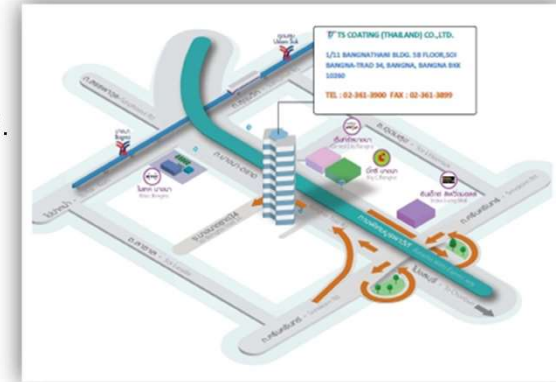
Factory : Hi-Tech Industrial Estate  
135 Moo 1 T.Banlane, A.Bangpa-In Ayutthaya, 13160  
Tel : ( 035 ) 200 825  
Fax : ( 035 ) 200 826

Established : 1 October 2007

AREA : 1,925 SQM.

headquarter : TS COATING TECHNOLOGY LABORATORY CO.,LTD. (Miyagi JAPAN)

Web Site : <http://www.tosou-net.com>  
: <https://www.tscoatingthailand.com>





# About Us

**TS Coatings (Thailand) Co., Ltd. was established on 03 August 2004 by Mr. Takeshi Sato.**

**In firstly, the company is conduct business about wholesale, retail, painting equipment. Tools for drawing and how to use different types of colors. Now, we can take care of customers in the design, installation and services related to the painting system industry comprehensively.**



# Business Items



Painting System  
Installation

Paint (TS Original Product)

Paint Spray-Mist Treatment  
Agent & Reduction Odors

Painting Jig or NG Part  
Cleaning

Paint Sludge Collecting  
System

Painting Technical  
Consultation

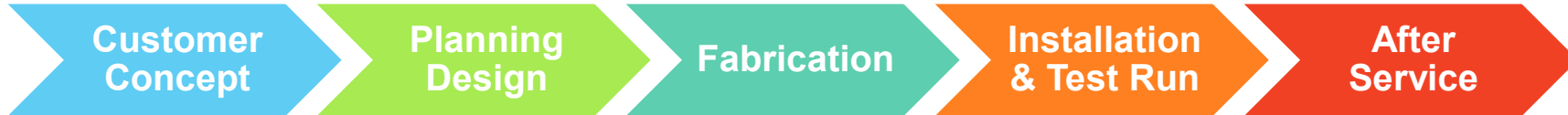
TS Scrubber System  
Activated Carbon System

Other Equipment –  
Including Import

Thinner & Surface  
Preparation Agent

Maintenance and Service


# 1. Painting System Installation



**Painting Line System**



**Robot Installation**



**Painting Booth**



**Belt Conveyor**

**New Installation**

**Improvement & Repair**



**Package Oven**



**Air Cooled System**



**Flame Processing Treatment System**



**Booth Cleaning & Balance Exhaust Fan**

**Take Off & Reinstallation**

**Preventive Maintenance**

## 2. Paint Spray-Mist Treatment Agent & Reduction Odors



UV Paint, Water Base Paint, 1K,  
2K Paint is OK



SPRAY MIST TREATMENT AGENT

### RAKUKILLER 21 Series

From among the Rakukiller Series 21 achieve recovery by Customer's using paint.

- ✓ Available to treatment water mixed paint type UV, Oil Base, Water base.
- ✓ Easy for collecting paint sludge by Paint Sludge Collection Automatic Unit or collect by hand.
- ✓ Because of easy to collect the paint sludge. Therefore, circulation of water in booth will good. You can reduce water and prolonged to use.
- ✓ Improve working environment from fetid smell of water circulation booth.
- ✓ Reduce the frequency of cleaning which can reduce expenses too.

## 2. Paint Spray-Mist Treatment Agent & Reduction Odors



TS1502C Coagulation Photo

### TS1502Cによる凝集写真



▶ The Pit of Automotive Part Paint Booth  
(add 2000 ppm of TS1502C)

自動車部品塗装ブースピット (TS1502Cを2000ppm 添加)

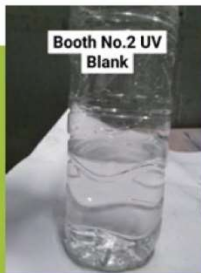


▶ Paint Sludge Collection Tank  
(add 1000ppm of DE chemical)

スラッジ受槽 (DE剤を1000ppm 添加)

TS1502C  
Bottle Test Photo

### TS1502C ボトルテスト写真



UV塗料 / UV Paint



ウレタン塗料 / Urethane Paint



UV塗料 / UV Paint

Coagulant for Reduction Odors from Booth

# TS1502C

## ブース用臭気 削減用凝集剤

- ✓ Reduces odors in paint booths.
- ✓ Effective as a coagulant for paint booths.
- ✓ The COD concentration in the paint booth is reduced.
- ✓ Floating sludge collection is possible by using coagulant polymer.

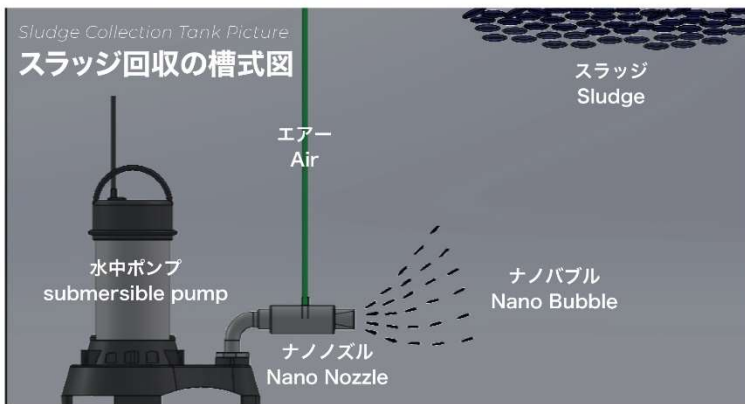
UV Paint, Water Base Paint, 1K, 2K Paint is OK

## 2. Paint Spray-Mist Treatment Agent & Reduction Odors



### Food Industry Wastewater Coagulation and Odor Test Photo 食品排水凝集及び臭気テスト写真

- 01 Add 2,000ppm of TS1502C to Food Industry Wastewater  
食品排水にTS1502Cを2,000ppm添加
- 02 Add 500ppm of high polymer  
高分子ポリマーを500ppm添加



- ✓ Reduces odors in sump pit.
- ✓ The stickiness of waste water and oil is eliminated..
- ✓ **The BOD concentration in the sump pit is reduced.**
- ✓ Floating sludge collection is possible by using coagulant polymer.

	6段階臭気強度表示法 6-step odor intensity display method	判定の目安 Standard of judgment
入口濃度 Inlet concentration	5	強烈な臭い Strong odor
出口濃度 Outlet concentration	3	ラクに感知できる臭い Easily detectable odor



食品雑排水  
Raw Food Industry Wastewater



食品雑排水処理水  
Treated Food Industry Wastewater

BOD dropped from 432ppm to 252ppm / BOD 432ppmから252ppmに降下



# 3. Paint Sludge Collecting System



Big System



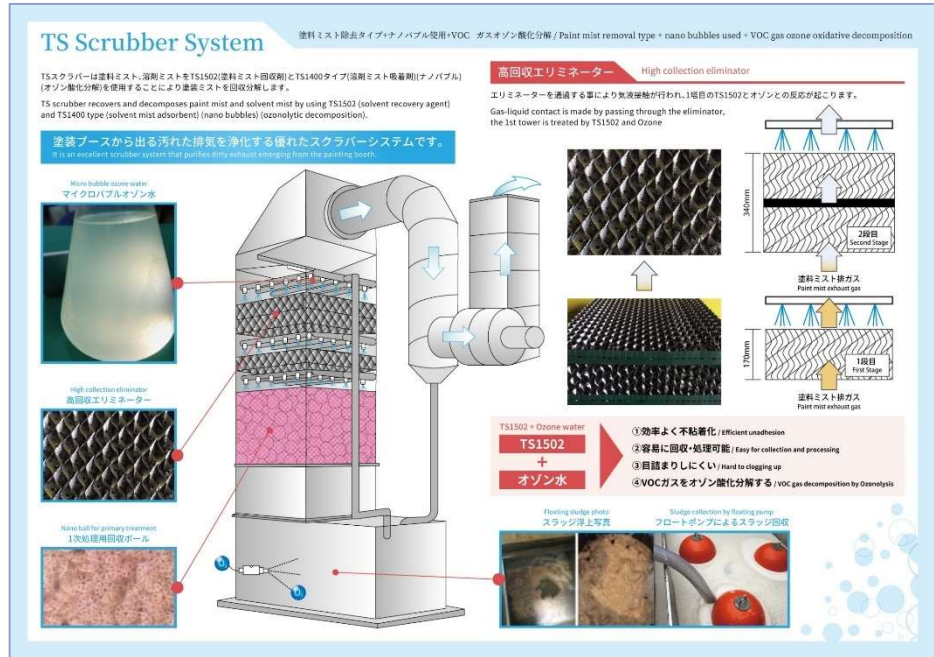
Compact System



# 4. TS Scrubber System & Activated Carbon System



**SUSTAINABLE DEVELOPMENT GOALS**



## 4. TS Scrubber System & Activated Carbon System



Activated Carbon System



# 5. Thinner & Surface Preparation Agent



## ★ OEM THINNER under brand



- Thinner No. 6800, 6900
- Thinner No. 7600
- Thinner No. 2300A, 2100 etc.

## ★ OEM Surface Preparation Agent under brand



- MG-104SX GRANDAFINER
- MG-104SX GRANDAFINER

### WASHING THINNER

We also making washing Thinner for every use

- For Painting Booth Cleaning , Spray Gun & Paint Equipment Cleaning
- For Jig Cleaning
- Thinner No. 100, 122, 402, 300

We can supply customer  
**CHEAPER & SOONER**

# 6. Paint (TS Original Product)



## Paint for PC, ABS, PC/ABS, Acrylic

- TS-700 : High Gloss UV Paint
- TS-710 : High Gloss UV Paint for Top Coat
- TS-720 : High Gloss UV Paint for Under Coat
- TS-740 T-SHC : Deposition UV Paint



## Paint for Elastic Polymer

- TS-71 : Elastomer PU Paint
- TS-91 : Elastomer PU Paint



## Paint for Metal (Anodized Aluminum, Stainless, Magnesium)

- TS-P800 : High Gloss UV Paint ( Under Coat)
- TS-777 : High Gloss UV Paint



## Non-solvent ultra violet Paint

- TS-708NV : Non-Solvent UV Paint



## Vacuum-Evaporated Paint (PC, ABS, PC/ABS, Acrylic)

- TS-740 TS-SHC : UV Paint for Vacuum
- TS-772 : UV Paint for Vacuum Under Coat
- TS775 : UV Paint for Vacuum
- TS-779 : UV Paint for High Hardness deposition



## Paint for Glass

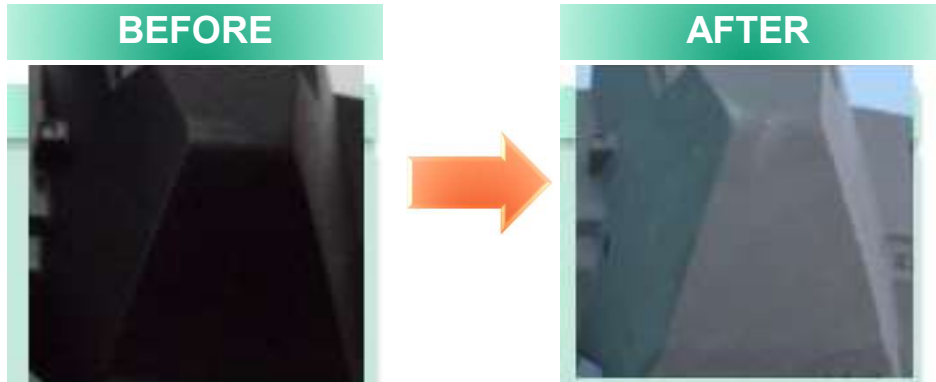
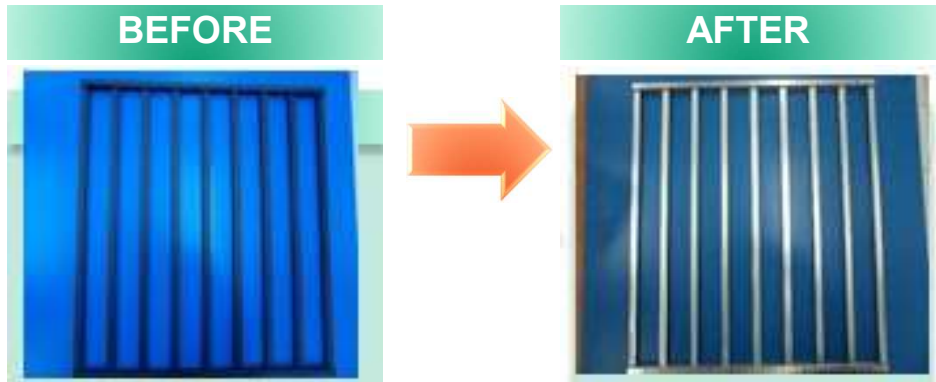
- TS-700K : High Gloss UV Paint

# 7. Painting Jig or NG Part Cleaning



to peel with high quality peeling agent and protect Jig or Part surface

- ★ MATERIAL of Jig or NG Part :
  - Stainless
  - Aluminum
  - Steel
  - Magnesium



**Please give us the sample Jig or NG Part. We will test it and solve your problem.**

# 8. Painting Technical Consultation



## Numerical Control System

- Realization of stable high quality production by converting the data of operation and paint-mixing process, painting and drying condition etc. into numerical value.

## Pollution-free painting system

- Supply of the total consultation for painting system design, painting production start, painting guidance and instruction.

## Reduce NG%

- To find the cause of NG% and train the operator to skill-up technique.

# 9. Other Equipment – Including Import



- Mixing Machine
- Paint Agitator
- Various Filter for Paint, UV etc.
- Masking Tape
- Thickness Meter, Gross Meter, Thermometer, Hygrometer
- Spray Gun etc.
- Dry Rack



Mixing Machine



NICHIBAN KRAFT TAPE



Sticky Matt



(Dry Rack)



Spray Gun (AGB-50)





# 10. Maintenance & Service



**Cleaning Paint Booth**



**Cleaning Ducting System**



**Cleaning Exhaust Fan & Dynamic Balance**



**Service for Change Filter, Exhaust Fan, Ducting system**



**Maintenance Paint Booth**



# Customer Reference



***Project & Maintenance Work***  
***By TS Coating***

# System Installation By TS Coating



*Water curtain booth with ventury*



*Water curtain booth with paint mixing room.*



*Baking oven room.*



*Paint mixing room.*

## Painting Line Installation

### (Water Curtain Booth)

# Painting Line Installation (Powder Booth)



# Painting Line Installation

## Cleanroom

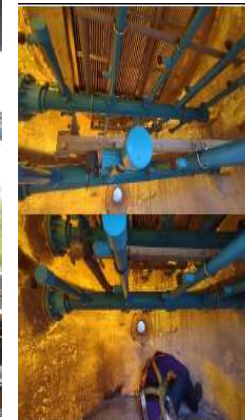


# New Installation FRP Hood System



# Improvement Wet Scrubber

Change equipment / FRP Lining /  
Control panel / Chemical System /  
Commissioning & Test Run





# Service By TS Coating

## Cleaning Booth



Before Cleaning



After Cleaning

Painting Line2Booth1 (Before)



Painting Line2Booth1 (After)



Cleaning overall  
(Fan and inside)

Protective rust paint  
coating (inside body)

# Motor Vibration Check

## Summary

Position	Vibration value (mm/s) STD vibration 3.00 mm/s	
	Before (vibration check 27Dec2020)	After (vibration check 10Feb2021)
A	4.6	1.6
B	4.3	1.3
C	8.0	1.5
D	6.9	1.9

After replace motor and fan (spare part)

**IS BETTER**



Vibration = 1.6 mm/s



Vibration = 1.3 mm/s



# Air Filter Change (Painting Line)



# Change Fan Blades



# Improvement Structure of Paint Booth



*If you would like any additional information.*

*Please don't hesitate to contact us.*



**Thank you**