

Product & Solution Guide



Service illustrations provided by CoatureVietnam.



360° Coating Value

Solve coating challenges with 7 core services.

From coatings and solvents to equipment, process visualization and business connections. We combine the products and support needed for your conditions.

Find by issue. Share your conditions. Combine solutions.
Please quote a reference ID to start a specific consultation.

- 01 Paint Voyager
- 02 Paint Optimizer
- 03 Color Balue
- 04 Thinner Streamer

- 05 Coat Systemizer
- 06 Coat Visioner
- 07 Coat Linker

READ FIRST / USING THE GUIDE

How to use this guide

Thank you for your interest in CoatureVietnam. This guide helps you find suitable consultation topics for coating products, equipment and services.

From an issue to the right service

For corrosion, appearance, color, drying, workload or equipment management, start with the relevant service. Page 3 introduces the 7 services; contents are on pages 4-5.

Use reference IDs in discussions

Catalogue IDs help you contact CoatureVietnam. An entry may cover several products or specifications, or design/support consultation. We review your specific conditions to propose candidates.

Combine products and processes

The guide includes products, equipment and support we select and combine in proposals. Alongside coatings, we check compatibility with solvents, application equipment, drying and measurement.

Specifications and supply conditions

This is a selection and consultation guide. Availability, current specifications, price, lead time, warranty, installation and maintenance scope are confirmed separately. Not every entry is a standard product or always held in stock.

Performance and standards conformity are confirmed for the specification and service conditions. Where needed, we review technical documents, samples or actual-part evaluations to discuss implementation.

Listing does not mean every product is manufactured by CoatureVietnam. Our role is to select, combine, propose and support implementation for your conditions.

SERVICE MAP / START HERE

7 core services

Consider coating challenges across materials, processes, equipment, information and business cooperation. Discuss how to combine the services you need.



01 Paint Voyager

1-001 - 1-076

Select coatings and pretreatment chemicals for your needs

Corrosion protection, heat resistance, special functions, powder, EV insulation, standards, pretreatment



02 Paint Optimizer

2-001 - 2-026

Select own-brand coatings for your application

Liquid coatings, primers, Paint Optimizer Powder



03 Color Balue

3-001 - 3-009

Align color, finish and baking conditions

C BALUE series, sample-panel/component evaluation, reproducibility



04 Thinner Streamer

4-001 - 4-018

Match solvents to coating and cleaning conditions

Related thinners, thinning/drying adjustment, application-specific cleaners



05 Coat Systemizer

5-001 - 5-152

Build coating equipment and processes

Pretreatment, coating, UV curing, conveying, drying, compressed air, maintenance



06 Coat Visioner

6-001 - 6-011

Make process and equipment conditions visible

Measurement, records, notifications, data use and related systems



07 Coat Linker

7-001 - 7-006

Connect coating businesses in Japan and Vietnam

Requirements, candidate connections, trials and cooperation

Service illustrations provided by CoatureVietnam.

From a reference ID to a specific consultation

The guide contains 298 product, product-group and service entries. IDs combine the service number and a three-digit sequence; for example, 2-001 is C TOP under Paint Optimizer. One entry can cover several specifications; 298 is not a count of individual product codes.

The 8 need categories use 1-C01 to 1-C08; issue-based consultation topics use A-001 to A-009. Page 18 shows Paint Optimizer and Color Balue own-brand coatings by service.

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Service illustration

01 Paint Voyager

8 categories by customer need

Select coatings and pretreatment chemicals by function, application and process. We combine core services to propose solutions for the issue to be addressed.

ID	Need category	Consultation scope
1-C01	(1) Heavy-duty corrosion protection systems	Corrosion protection for steel structures and equipment, and galvanizing repair. Select a coating system for the substrate and service environment.
1-C02	(2) Ultra-high-temperature coatings	High-temperature service and thermal control. Select specifications for the temperature range and heating conditions.
1-C03	(3) Fluoropolymer and high-performance coatings	Weatherability, lubrication, wear resistance and special functions. Screen candidates by substrate and required function.
1-C04	(4) Powder-coating line optimization	Powder coatings, color changes, feeding, recovery and curing. Combine Paint Optimizer Powder with Coat Systemizer.
1-C05	(5) EV component insulation and coating	Insulation of busbars and motors. Consider geometry, film thickness, thermal conditions and processing.
1-C06	(6) Line coatings for specified JIS requirements	Coatings and application specifications for designated standards. Confirm the product and scope of conformity.
1-C07	(7) Pretreatment and conversion coatings	Adhesion, corrosion protection and transition to phosphorus-free processes. Combine chemicals, equipment and bath management.
1-C08	(8) Solvents and cleaners for process improvement	Thinning, drying adjustment, degreasing and cleaning. See Thinner Streamer for specific products and consultation topics.

FOR YOUR CONSULTATION

Category names are starting points for consultation. Heat resistance, standards conformity and substrate suitability are confirmed for each product, specification and service condition.



Service illustration

01 Paint Voyager

Corrosion protection and specified standards

Candidates for steel structures, equipment, repairs and coatings with specified standards. Confirm the entire system from surface preparation to topcoat for the service environment.

Part 1 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-001	Lead- and chromium-free anticorrosive paint	Candidate for JIS K 5674 Type 1 requirements. Confirm color, specifications, conformity scope and packaging.
1-002	Etching primer	Candidate for JIS K 5633 Type 2 requirements. Confirm the substrate, topcoat and conformity scope.
1-003	Zinc-rich primers and high-build zinc-rich coatings	Select inorganic/organic and standard/high-build systems for the application; check surface preparation and topcoats.
1-004	Modified epoxy anticorrosive coatings	Check the required corrosion protection and overcoating conditions for structural or repair applications.
1-005	Epoxy / high-build epoxy coatings	Confirm the coating system by primer/topcoat role, film thickness and service environment.
1-006	Epoxyes for tanks, aluminum-pigmented and ultra-high-build coatings, and water-supply facilities	Select separately for tanks, high-build corrosion protection and water supply. For water supply, check standards and conformity scope.

FOR YOUR CONSULTATION

If a standard is specified, share the standard, specification, color and required supporting documents. Coating conformity differs from certification of an entire line.



Service illustration

01 Paint Voyager

Corrosion protection and specified standards

Candidates for steel structures, equipment, repairs and coatings with specified standards. Confirm the entire system from surface preparation to topcoat for the service environment.

Part 2 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-007	Polyurethane topcoats for heavy-duty corrosion protection	Check outdoor exposure, primer and film thickness. Match the exact specification where a standard is designated.
1-008	Highly weather-resistant fluoropolymer topcoats	Check weatherability, standard/high-build type, on-site application conditions and primer combinations.
1-009	Heat-resistant coatings for corrosion under insulation (CUI)	Check continuous service temperature, thermal cycles, insulation material and equipment conditions.
1-010	Coatings to mitigate stress corrosion cracking of stainless steel	Check stainless-steel grade, corrosive environment, equipment temperature and application conditions.
1-011	Waterborne corrosion protection systems	Check the full system from surface treatment to topcoat and conditions suitable for waterborne application.
1-012	Glass-flake coatings for steel-pipe interiors / corrosion protection for concrete structures	Select for the equipment, chemical exposure, substrate and application conditions.

FOR YOUR CONSULTATION

If a standard is specified, share the standard, specification, color and required supporting documents. Coating conformity differs from certification of an entire line.



Service illustration

01 Paint Voyager

Powder, high-performance and industrial coatings

Consider powder coatings and coatings for metal building materials and industrial parts by resin system, finish and curing conditions. Screen candidates by substrate and performance requirements.

Part 1 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-013	Epoxy powder coatings	Mainly considered for indoor use and corrosion protection. For low-temperature curing types, check actual component baking conditions.
1-014	Epoxy-polyester powder coatings	Mainly considered for indoor use; select for gloss, appearance and baking conditions.
1-015	Polyester powder coatings	Check outdoor weatherability, pre-coated metal applications and curing mechanism for each specification.
1-016	Thin-film decorative and textured powder coatings	Evaluate thin films and textures on sample panels, and check conditions for using reclaimed powder.
1-017	Fluoropolymer powder coatings	Check appearance, weatherability and baking conditions, including two-layer separation and metallic finishes.

FOR YOUR CONSULTATION

Baking temperature differs from service heat resistance. Specifications within a group can differ; check the coating, solvent and curing-process combination.



Service illustration

01 Paint Voyager

Powder, high-performance and industrial coatings

Consider powder coatings and coatings for metal building materials and industrial parts by resin system, finish and curing conditions. Screen candidates by substrate and performance requirements.

Part 2 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-018	Bake-cured fluoropolymer / PVDF coatings	Resin systems and curing conditions differ; select for the requirements of exterior metal components.
1-019	Baking coatings for metal building materials	Consider urethane/acrylic systems for the substrate, appearance and baking conditions.
1-020	Organic-inorganic hybrid ceramic coatings	Check the substrate, required hardness, weatherability and curing conditions.
1-021	Industrial waterborne urethane / epoxy coatings	Evaluate drying, film performance and equipment compatibility when changing to waterborne coatings.
1-022	Industrial acrylic / melamine baking coatings	Select by resin system, curing temperature, appearance and component.
1-023	Industrial two-component urethane coatings	Check mixing ratio, pot life, primer requirements and application conditions.
1-024	Industrial anticorrosive and adhesion-promoting primers	Check substrate, pretreatment and adhesion to the topcoat.

FOR YOUR CONSULTATION

Baking temperature differs from service heat resistance. Specifications within a group can differ; check the coating, solvent and curing-process combination.



Service illustration

01 Paint Voyager

Functional coatings for metal and plastic parts

Candidates for appearance, scratch resistance and lubrication of plastic and metal parts. Evaluate on actual parts under the process conditions.

Part 1 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-025	Organic-inorganic hybrid hard coatings	For scratch and abrasion resistance, check the substrate, hardener and dedicated thinner.
1-026	Acrylic coatings for plastics	Select after confirming the resin type, such as PP or ABS, and film requirements.
1-027	Two-component acrylic urethane coatings for plastics	Check substrate, production conditions and hardener by specification, including low-temperature curing types.
1-028	Two-component acrylic silicone coatings	Evaluate for chemical and abrasion resistance requirements of plastic and metal components.
1-029	Melamine, acrylic, polyester and urethane coatings for metals	Distinguish resin systems and curing mechanisms; select for the service conditions of the metal component.
1-030	Epoxy / polyester primers for metals	Check compatibility with substrates such as magnesium, aluminum and stainless steel, and with topcoats.

FOR YOUR CONSULTATION

Suitable substrates and functions vary by specification, even within one group. Share required performance, samples and the current process.



Service illustration

01 Paint Voyager

Functional coatings for metal and plastic parts

Candidates for appearance, scratch resistance and lubrication of plastic and metal parts. Evaluate on actual parts under the process conditions.

Part 2 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-031	Dry-film / waterborne lubricating coatings	Check lubrication, substrate and suitability of waterborne/solventborne systems. Verify ingredient-exclusion requirements by specification.
1-032	Elastic coatings for rubber and flexible substrates	Evaluate compatibility by rubber type, additives, deformation and elongation conditions.
1-033	Conductive / antistatic coatings	Check required resistance and application conditions. This application differs from electrical insulation.
1-034	Self-healing / UV-curable functional coatings	Self-healing and UV curing are distinct functions. Check printing, vacuum deposition and UV irradiation processes.
1-035	Mirror-effect, metallic and soft-touch coatings	Use sample panels to evaluate mirror finish, metallic appearance and feel, and agree the target appearance.
1-036	Waterborne metal coatings / biomass-based / highly weather-resistant coatings	Distinguish waterborne, raw-material and weatherability objectives; confirm specifications and availability separately.

FOR YOUR CONSULTATION

Suitable substrates and functions vary by specification, even within one group. Share required performance, samples and the current process.



Service illustration

01 Paint Voyager

Heat resistance, thermal control, lubrication and low reflection

Consider functions from high heat resistance to heat dissipation, lubrication and low reflection. Select heat resistance, dissipation, insulation and radiation for their respective purposes.

Part 1 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-037	Heat-resistant paints, hard coatings and electrical insulation coatings	Select for heat resistance, hardness and insulation; evaluate the actual component temperature and conditions.
1-038	Heat-dissipating coatings	Indicative ranges: up to 200°C, 400-600°C and 600-1000°C. Check limits and application conditions for each specification.
1-039	Silver heat-resistant coatings	Check service temperature, substrate, appearance, primer and application conditions.
1-040	Primers / topcoats for heat-resistant systems	Indicative service temperature: 200-500°C. Check primer and topcoat combinations.
1-041	Heat-resistant anticorrosive coatings	Check service temperature, corrosive environment, surface preparation and overcoating conditions.
1-042	Ceramic-based functional coatings	Check heat-resistance grade, curing method and overcoating conditions by specification.

FOR YOUR CONSULTATION

Applicable temperatures depend on continuous/intermittent heating, environment, substrate and film thickness. Listed functions alone do not ensure suitability for the service conditions.



Service illustration

01 Paint Voyager

Heat resistance, thermal control, lubrication and low reflection

Consider functions from high heat resistance to heat dissipation, lubrication and low reflection. Select heat resistance, dissipation, insulation and radiation for their respective purposes.

Part 2 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-043	Non-stick and lubricating fluoropolymer coatings	Check waterborne/solventborne type, number of coats and required function. Confirm cookware conditions separately.
1-044	Heat-resistant, wear-resistant and anti-seize lubricating coatings	Select for service temperature, wear, seizure and the component to be treated.
1-045	Low-friction, non-stick functional coatings	Check low-friction and release requirements, component, lubricant ingredients and application conditions.
1-046	Low-reflection coatings for sensors and cameras	Check camera/sensor components, optical conditions and film requirements.
1-047	Thermal insulation coatings	Check film thickness and equipment surface temperature; evaluate for the insulation objective.
1-048	Far-infrared emissive / high-efficiency thermal-radiation coatings	Indicative heat resistance: 600°C. Select by wavelength range, object to be heated and application conditions.

FOR YOUR CONSULTATION

Applicable temperatures depend on continuous/intermittent heating, environment, substrate and film thickness. Listed functions alone do not ensure suitability for the service conditions.



Service illustration

01 Paint Voyager

Insulating coatings for EV components

Consider insulating powders for busbars and motor components by geometry, processing method, film thickness and thermal conditions. Selection and consultation are application-specific.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-049	High-edge-coverage insulating powder coatings for busbars and conductors	Check actual film thickness at busbar edges, voltage withstand and coating method.
1-050	High-edge-coverage powder coatings for primary conductor insulation	Check primary-insulation use and edge coverage. Review current specifications and availability separately.
1-051	High-heat-resistant insulating powder coatings for penetration between conductors	Check the conductor and curing conditions for high heat resistance and impregnation requirements.
1-052	Insulating powder coatings for flat-wire motor coil-end restoration	Check weld geometry, preheating, baking and film thickness; evaluate insulation restoration on actual parts.
1-053	Busbar insulation powder coatings suitable for bending	Evaluate bend radius, film thickness and processing sequence on actual parts. Confirm specifications and availability separately.
1-054	High-heat-resistant busbar insulation powder coatings	Check required heat resistance and service conditions. Confirm specifications and availability separately.
1-055	Thermally conductive insulating powder coatings for thick films	Indicative recommended film thickness: 200-500 µm. Evaluate heat paths and insulation on actual parts.
1-056	Thermally conductive insulating powder coatings for thin films	Indicative recommended film thickness: 40-200 µm. Evaluate thin-film insulation and heat-dissipation conditions.

FOR YOUR CONSULTATION

Dielectric strength, heat resistance, glass-transition temperature and baking temperature are different measures. Confirm current specifications and availability, and evaluate on actual parts.



Service illustration

01 Paint Voyager

Pretreatment and conversion chemicals

Combine degreasing, surface conditioning, conversion and temporary rust protection for the process. A move to phosphorus-free pretreatment is evaluated for the substrate and whole process.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-057	Zirconium-based conversion treatment chemicals	Consider phosphorus-free conversion treatment. Confirm fluorine use separately.
1-058	Coating pretreatment chemicals as alternatives to phosphating	Consider phosphorus- and fluorine-free treatment. Confirm conditions requiring drying without a post-treatment water rinse.
1-059	Organic temporary rust preventives	For storage or inter-process rust protection. Check ingredient exclusions and downstream compatibility.
1-060	Oil and soil removers for steel components	Check treatment method, oil type, temperature, throughput and bath-management conditions.
1-061	Degreasers for aluminum and light metals	Evaluate effects on materials such as aluminum and compatibility with subsequent processes.
1-062	Cleaners and auxiliaries for degreasing processes	Select by cleaning target, adhering oil, application method and working conditions.
1-063	Acidic rust removers and surface cleaners	Check acid type, substrate effects and subsequent processes. May include phosphoric-acid systems.
1-064	Surface cleaners for aluminum, copper and similar materials	Select by substrate, such as aluminum or copper, soil and surface-treatment conditions.
1-065	Surface conditioners before zinc phosphating	Surface conditioning before zinc phosphating. Check bath and process compatibility.
1-066	Conventional conversion chemicals as a coating base	For existing lines or option comparisons. This process uses phosphorus.

FOR YOUR CONSULTATION

Phosphoric-acid-free, phosphorus-free and fluorine-free are different conditions. Check ingredients and each stage. For phosphorus-free conversion, evaluate upstream and downstream processes too.



Service illustration

01 Paint Voyager

Galvanizing repair and rust prevention

Zinc-rich coatings and related materials for steel rust protection and galvanizing repair. Select by appearance, surface condition and required film thickness.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
1-067	High-zinc-content / organic zinc-rich coatings	Check surface preparation, film thickness and packaging for steel rust protection or galvanizing repair.
1-068	Silver-finish organic zinc-rich coatings	Check silver appearance, primer compatibility and required film thickness.
1-069	One-component special-epoxy zinc-rich coatings	When topcoating, check compatibility with a suitable mild-solvent coating.
1-070	Dedicated thinners for zinc-rich coatings	Select the specified thinner for the zinc-rich coating and thinning conditions.
1-071	Dedicated thinners for special-epoxy zinc-rich coatings	Select the dedicated thinner compatible with the special-epoxy zinc-rich coating to be used.
1-072	High-build organic zinc-rich coatings	Consider high-build rust protection. Confirm application conditions and availability separately.
1-073	Metallic-finish organic zinc-rich coatings	Consider metallic gloss and rust protection. Confirm specifications and availability separately.
1-074	Waterborne organic zinc-rich coatings	Requires mixing the liquid coating component with powder. Confirm application conditions and availability separately.
1-075	Zinc-rich anticorrosive coatings considering ingredient and environmental requirements	Check ingredient requirements and the SDS. Confirm specifications and availability separately.
1-076	Zinc-rich repair coatings for zinc-alloy plating	Contains zinc, aluminum and magnesium. Check the plating to be repaired and availability.

FOR YOUR CONSULTATION

Check compatible solvents, surface preparation, film thickness and topcoating for each product. Can/aerosol packaging and supply conditions are discussed separately.

02 Paint Optimizer / 03 Color Balue

Own-brand coatings

Paint Optimizer and Color Balue coatings are shown by service. C BALUE F and U remain current key products. Share the substrate, target finish and coating process.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
2-001	C TOP Polyurethane coatings	Check the number of components, hardener and application conditions in the TDS.
2-002	C TIGHT Two-component epoxy primers	Confirm surface preparation, mixing ratio and topcoat compatibility.
2-003	C KID Alkyd coatings	Check drying conditions and the component to be coated.
2-004	C NICE Acrylic lacquer coatings	Check substrate, solvent and drying conditions.
3-001	C BALUE A Acrylic baking coatings	Check actual part temperature and holding time.
3-002	C BALUE M Amino-alkyd coatings	Check baking conditions and the thinner used.
3-003	C BALUE F One-component fluoropolymer baking coatings	Current key product. Check substrate, baking conditions and weatherability requirements.
3-004	C BALUE U One-component polyurethane baking coatings	Current key product. Check substrate, baking conditions and required film performance.

FOR YOUR CONSULTATION

Check mixing ratio, curing, solvents and overcoating against the selected product's documentation. An own-brand name does not identify the manufacturer.

02 Paint Optimizer



Service illustration

Paint Optimizer Powder / basic categories

Select powder coatings by resin system, curing mechanism and appearance. Consider suitable specifications for the substrate, service environment and baking conditions.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
2-005	Epoxy powder coatings	Check application requirements and weatherability against each product's technical data.
2-006	Hybrid powder coatings	Check resin combinations and applications in the individual TDS.
2-007	Polyester powder coatings	For outdoor use, confirm weatherability grade and application history.
2-008	Acrylic powder coatings	Check substrate, film performance and baking conditions.
2-009	Polyurethane powder coatings	Confirm curing conditions and applications separately.
2-010	Powder coatings for heat-resistant applications	Check heat resistance, service temperature, resin system and baking conditions for each specification.
2-011	Powder coatings with / without TGIC	Check specifications against ingredient requirements, including use or non-use of TGIC.
2-012	Special-effect powder coatings / finish consultation	Share the desired appearance and effect. Confirm the finish definition and product specification separately.
2-013	Smooth, fine-textured and coarse-textured finishes	Check surface texture, baking conditions and flow for each specification.
2-014	Silver metallic / mica effects	Check pigment mixing and bonding specifications; select for the target appearance.

FOR YOUR CONSULTATION

Categories support selection and consultation. Each product's performance, baking conditions and current supply scope are confirmed during discussion.

02 Paint Optimizer



Service illustration

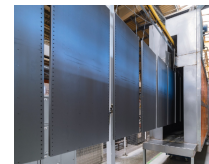
Paint Optimizer Powder / functions and effects

Consider powder coatings for easy cleaning, weatherability, decoration and insulation. Check required function and appearance on sample panels or actual parts.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
2-015	Powder coatings for hygiene and healthcare applications	Specific functions, such as antibacterial performance, require defined test conditions and supporting evidence.
2-016	Powder coatings to support easy cleaning	Confirm the soil type and cleaning conditions.
2-017	Powder coatings for heat-transfer decoration	Check transfer film, temperature and effect reproducibility.
2-018	Clear-finish powder coatings	Check combinations with the base color and effect.
2-019	Powder coatings for high weatherability requirements	Check the test standard, performance grade and exact product code.
2-020	Consultation on special functions and powder-coating flow	Share the required function and flow. Review the specific specification and availability separately.
2-021	Special-effect powder coatings	Check color, gloss and texture on sample panels.
2-022	Powder primers	Confirm compatibility with substrate, pretreatment and topcoat.
2-023	Bonded powder coatings	Check metallic appearance, reclaimed-powder use and color variation.
2-024	Heat-resistant powder coatings	Confirm continuous/short-term temperature and discoloration.
2-025	Insulating powder coatings / fusion-bonded epoxy (FBE)	Distinguish different applications; match performance requirements to the specific product code.
2-026	Powder coatings for post-coating forming	Evaluate forming conditions, film cracking and adhesion.

FOR YOUR CONSULTATION

Function names do not guarantee individual product performance. Check test conditions, required levels, specifications and availability before a proposal.



Service illustration

03 Color Balue

C BALUE series and selection support

Agree the target color and finish to select baking coatings and application conditions. See the own-brand lineup on page 18.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
3-005	Define color and finish requirements Target color, gloss, appearance and service environment	Agree approved references and acceptance limits with the customer.
3-006	Support for C BALUE selection Selection of Color Balue baking coatings	See the Color Balue coating lineup on page 18.
3-007	Sample-panel and actual-part evaluation Color, appearance, film thickness and curing checks	Evaluate against agreed test conditions and approved samples.
3-008	Align coating conditions Thinning, spraying and baking combinations	Coordinate Thinner Streamer and Coat Systemizer.
3-009	Check reproducibility Records to identify differences between samples and mass production	Check coating lot, film thickness, part temperature, time and related conditions.

FOR YOUR CONSULTATION

Share target color, allowable color difference, samples, test method and desired timing. Proceed after confirming evaluation content and capability scope.



Service illustration

04 Thinner Streamer

Own-brand thinners / consultation

Related solvents for assessing compatibility between coatings and working conditions. These are development/selection consultation items, not confirmed specifications or stock products.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
4-001	C BALUE ME Thinner Thinner for melamine baking coatings	Check the corresponding coating and recommended thinning conditions.
4-002	C BALUE AE Thinner Thinner for acrylic baking coatings	Confirm compatibility with the baking coating; distinguish it from general-purpose thinners.
4-003	C BALUE Primer Thinner Thinner for epoxy primers	Check the coating manufacturer's instructions, including compatibility with C TIGHT.
4-004	C STREAM-F Thinner Thinner for faster drying adjustment	Confirm actual evaporation behavior and the permitted addition range.
4-005	C STREAM-L Thinner Thinner for slower drying adjustment	Evaluate temperature/humidity, solvency and appearance on actual equipment.
4-006	C KID Q Thinner Fast-drying thinner for alkyd coatings	Check the corresponding coating and differences from the standard type.

FOR YOUR CONSULTATION

Confirm coating, mixing ratio, drying conditions and usage volume to review specification and supply individually. Mixing or replacing a specified solvent is decided after compatibility evaluation.



Service illustration

04 Thinner Streamer

Application-specific solvents and cleaners

Consider thinning, drying adjustment, equipment and part cleaning separately by purpose. Check coating and cleaning-target compatibility to propose suitable solvents.

Part 1 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
4-007	Lacquer thinners	Select for lacquer compatibility, drying behavior and working conditions.
4-008	Blended solvents for paint cleaning	For removing paint and deposits. Confirm the purpose separately from coating dilution.
4-009	Solvents for wood finishing, cleaning and anti-blushing	Select for the purpose, such as wood finishing, cleaning or anti-blushing, and the coating used.
4-010	Thinners and process-adjustment solvents for baking coatings	Select by coating type, baking conditions, drying rate and appearance.
4-011	Thinners for one- and two-component coatings	Evaluate effects on hardener, water content, solvency and specified coating requirements.
4-012	Solvents for coating PE, PP, ABS, PC and similar substrates	Evaluate surface attack, blushing and cracking by substrate and coating.
4-013	Standard, high-solvency, fast-drying and other thinners	Select separately by coating type, solvency, drying rate and working conditions.

FOR YOUR CONSULTATION

Confirm specifications, SDS, packaging and supply conditions separately. Thinners and cleaners are selected for their respective purposes.

04 Thinner Streamer



Service illustration

Application-specific solvents and cleaners

Consider thinning, drying adjustment, equipment and part cleaning separately by purpose. Check coating and cleaning-target compatibility to propose suitable solvents.

Part 2 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
4-014	Degreasers and cleaners for metal parts	Check oil type, cleaning equipment, fast/slow drying requirements and drying conditions.
4-015	Plastic degreasers, flux removers, lens cleaners and similar applications	Distinguish plastic and precision-component uses by material damage, residues and required cleanliness.
4-016	Industrial hydrocarbon solvents	Check toluene, xylene and aromatic blends against the intended use and SDS.
4-017	Industrial alcohol, ester and ketone solvents	Check the raw materials for the application and evaluate compatibility with coatings and substrates.
4-018	Custom-formulated thinners and cleaners	Share the application, required volume, development conditions and supply needs for custom formulations.

FOR YOUR CONSULTATION

Confirm specifications, SDS, packaging and supply conditions separately. Thinners and cleaners are selected for their respective purposes.



Service illustration

05 Coat Systemizer

Pretreatment, coating, conveying and drying

Equipment consultation across pretreatment, coating, conveying and drying. Consider the required configuration from parts, site dimensions and production capacity.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-001	Immersion / continuous / enclosed-chamber cleaning equipment Pretreatment such as degreasing and cleaning	Check substrate, oil type, chemicals, number of stages and throughput.
5-002	Wet / dry liquid-paint booths Paint-mist collection equipment	Check supply/exhaust air, water treatment or filters, and maintainability.
5-003	Manual / automatic coating lines Combined manual and automatic operations	Consider working posture, production takt, color changes and repair stages.
5-004	Powder-coating lines / booths Powder feeding, spraying, recovery and curing	Check powder compatibility with feeding, spraying, recovery and curing systems.
5-005	Electrodeposition (ED) coating equipment	Design pretreatment, tanks, power supply, filtration/rinsing and baking separately.
5-006	Overhead / trolley / free-flow conveying Suspended and transfer-car systems	Check part load, accumulation/stopping and transfer between processes.
5-007	Floor / roller / I-beam conveyors Floor and suspended inter-process conveying	Check load, part orientation, route and cleanability.
5-008	Spindle / rotary-table equipment Coating by part rotation and indexing	Consider small/plastic-part geometry, fixtures and coating orientation.
5-009	Continuous / batch ovens Film drying and bake curing	Check part temperature, holding time, heat source and temperature distribution.

FOR YOUR CONSULTATION

These are consultation/design categories. Equipment, delivery into the factory, installation, utilities, controls, maintenance and availability are confirmed for each project.



Service illustration

05 Coat Systemizer

Plastic coating and UV curing

Consider coating, conveying, drying and UV curing for plastic-part appearance and heat tolerance. For standalone UV units, confirm conditions and discuss the scope available.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-010	Plastic-component coating lines Coating, drying and conveying	Confirm resin type, geometry, thermal limit, appearance and output.
5-011	Dust removal and static elimination Treatment of adhering dust and static charge	Select method, installation position and cleanliness for site conditions.
5-012	Spray booths and supply-air environment Working environment for plastic coating	Apply the preceding booth categories. Check airflow, cleanliness, temperature and humidity.
5-013	Rotary conveying and coating fixtures Holding, rotating and orienting parts	Spindles may be used. Check shadowed areas and fixture marks.
5-014	UV coating lines From coating to ultraviolet curing	Design required drying, conveying and UV irradiation around the coating specification.
5-015	Standalone UV irradiation equipment Ultraviolet film curing	Standalone units can be discussed. Confirm light source, coating, exposure area and installation conditions.
5-016	Pre-UV drying / flash-off Drying and evaporation time per coating specification	Determine whether pre-UV drying is needed from the coating specification and process evaluation.
5-017	Irradiation-condition management and evaluation UV-curing setup and checks	Check wavelength, irradiance, accumulated dose, distance and conveyor speed.
5-018	Light shielding, exhaust and interlocks UV-process protection and safety systems	Define measures and responsibilities for the light source, coating and installation location.

FOR YOUR CONSULTATION

UV curing and thermal drying are different processes. Evaluate curing conditions, heat effects on the substrate, adhesion and appearance on actual parts.



Service illustration

05 Coat Systemizer

Ancillary equipment, controls and maintenance

Review supply/exhaust air, environmental treatment, controls, installation and maintenance across the line. Connections and modifications to existing equipment can also be discussed.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-019	Clean-air supply and spray-room air conditioning	Check temperature/humidity, cleanliness and supply/exhaust pressure balance.
5-020	Cyclone recovery / dust collection Powder recovery and dust capture	Check recovered material, airflow, filters and reclaimed-powder use.
5-021	Exhaust-gas treatment equipment	Select the method by gas composition, concentration and flow.
5-022	Process-wastewater treatment equipment	Check chemicals, wastewater characteristics, capacity and operation management.
5-023	Control panels / PLCs and equipment interlocks Coating, conveying and drying control	Check operating conditions, interlocks and on-site connections.
5-024	Custom fabrication of equipment parts and fixtures	Confirm drawings, materials, accuracy and inspection scope.
5-025	Installation, maintenance and modification Installation, inspection, adjustment and consumable replacement	Confirm contractor, downtime, parts supply and maintenance capability.
5-026	Heat-treatment and annealing equipment Heating outside coating-drying operations	For heat treatment distinct from film curing. Review requirements and capability separately.
5-027	Cooling-water / purified-water supply systems / design consultation	Consultation starts with cooling/purified-water needs. Confirm specifications and capability separately.

FOR YOUR CONSULTATION

These are consultation items. Confirm construction, site connections, safety, warranty and maintenance responsibilities. Cooling/purified water is reviewed separately for need and capability.



Service illustration

05 Coat Systemizer

Wet Venturi booths / standard types

Wet booths capture paint mist with water. Options are listed by width. Standard types lift water using exhaust-air suction, without a water pump.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-028	Wet Venturi booth Width 1,500 mm	Beyond part width, check operator access, supply/exhaust air, ducting and maintenance space.
5-029	Wet Venturi booth Width 2,000 mm	Beyond part width, check operator access, supply/exhaust air, ducting and maintenance space.
5-030	Wet Venturi booth Width 2,500 mm	Beyond part width, check operator access, supply/exhaust air, ducting and maintenance space.
5-031	Wet Venturi booth Width 3,000 mm	Beyond part width, check operator access, supply/exhaust air, ducting and maintenance space.
5-032	Wet Venturi booth Width 3,500 mm	Beyond part width, check operator access, supply/exhaust air, ducting and maintenance space.
5-033	Wet Venturi booth Width 4,000 mm	Beyond part width, check operator access, supply/exhaust air, ducting and maintenance space.
5-034	Wet Venturi booth Width 5,000 mm	Beyond part width, check operator access, supply/exhaust air, ducting and maintenance space.

FOR YOUR CONSULTATION

Reference depth and standard ceiling height: both 2,000 mm. Check dimensions, overall height and power on official drawings. Confirm local voltage, phases, frequency and availability separately.



Service illustration

05 Coat Systemizer

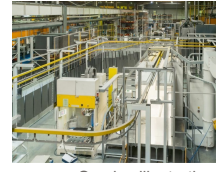
Wet booths / configuration options

Consider lighting, high ceilings, pits, supply/exhaust and water curtains for the parts and working environment. Check configuration against required width and site conditions.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-035	Venturi booth with LED lighting	Check lighting, work area and color-inspection conditions.
5-036	Venturi booth with increased-safety explosion-protection configuration	Confirm application location, scope and local requirements.
5-037	High-ceiling Venturi booth	Ceiling height: 2,500 mm. Check part and hanger height.
5-038	Pit-type Venturi booth	Check pit construction, cleaning/maintenance access and installation dimensions.
5-039	Air-balanced booth with integrated supply and exhaust	Check supply/exhaust balance and factory conditions.
5-040	Venturi booth with water curtain	Indicative widths: 1,500 / 2,000 / 2,500 / 3,000 mm. Check submersible-pump configuration and power supply.
5-041	Water-curtain booth with LED lighting	Combined water-curtain and lighting configuration.
5-042	Water-curtain booth with increased-safety explosion protection	Confirm explosion-protection scope and specifications separately.
5-043	High-ceiling water-curtain booth	Ceiling height: 2,500 mm. Check water-curtain management conditions too.

FOR YOUR CONSULTATION

Check explosion-protection scope for electrical equipment, solvents and installation environment. Consider circulating water, sludge, cleaning, wastewater and utilities too.



Service illustration

05 Coat Systemizer

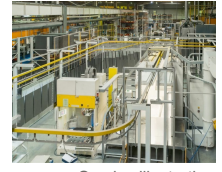
Compressors / scroll and piston

Select oil-free/oil-lubricated types and installation format by air demand, pressure and environment. Check simultaneous equipment use too.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-044	Oil-free scroll compressors Sound-insulated cabinet type	Typical output: 1.5 / 2.2 / 3.7 kW. Check pressure and inclusion of an air dryer.
5-045	Oil-free scroll compressors Multi-module cabinet type	Check multi-module configuration, air demand, control method and installation conditions.
5-046	Low-noise oil-free scroll compressors	1.5 / 2.2 kW. Check air demand and installation environment.
5-047	Oil-free scroll compressors Tank-mounted type	1.5 / 2.2 / 3.7 kW. Check mobility, installation and tank conditions.
5-048	Oil-free piston compressors Tank-mounted type	Typical output: 1.5 / 3.7 / 7.5 kW. Check pressure and duty cycle.
5-049	Small oil-free piston compressors	0.2 / 0.4 kW. Candidates for small air demands.
5-050	Oil-free piston compressors Cabinet type	Typical output: 1.5 / 3.7 / 7.5 kW. Check pressure, moisture removal and installation conditions.
5-051	Oil-lubricated piston compressors Tank-mounted type	Typical output: 1.5 / 3.7 / 7.5 kW. Check lubrication management and air treatment.
5-052	Oil-lubricated piston compressors Cabinet type	Typical output: 1.5 / 3.7 / 7.5 kW. Check pressure, duty and installation-site heat dissipation.

FOR YOUR CONSULTATION

Outputs are typical candidate values. Finalize specifications after checking local power, point-of-use air quality, moisture removal, filtration and maintenance.



Service illustration

05 Coat Systemizer

Compressors / screw and air treatment

Consider screw, claw, boosters, moisture removal and tanks for factory air demand. Select fixed-speed/inverter types by actual operation.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-053	Oil-lubricated screw compressors Inverter, tank-mounted	7.5 / 11 / 15 kW. Confirm integrated-tank configuration and installation dimensions.
5-054	Oil-lubricated screw compressors Fixed-speed cabinet type	Typical output: 15 / 22 / 37 kW. Check pressure, moisture removal and installation conditions.
5-055	Oil-lubricated screw compressors Inverter cabinet type	15 / 22 / 37 kW. Check air-demand variation and control range.
5-056	Oil-free claw compressors Cabinet type	Typical output: 15 / 30 / 45 kW. Check cooling and installation environment.
5-057	Oil-free claw compressors Inverter type	22 / 37 kW. Check demand variation, operating pressure and power supply.
5-058	Compressed-air boosters	Check oil-lubricated/oil-free type, inlet conditions and required outlet pressure.
5-059	Refrigerated air dryers	Compressed-air moisture removal. Check inlet temperature, flow, pressure and required dew point.
5-060	Air receivers / compressed-air tanks	Check capacity, working pressure, material, condensate drainage and installation conditions.
5-061	Portable engine-driven piston compressors	Check specification and availability by oil-lubricated/oil-free type, drive source and worksite.

FOR YOUR CONSULTATION

Alongside flow and pressure, check piping losses, simultaneous use, expansion and maintenance. Energy savings and capacity depend on operating conditions.



Service illustration

05 Coat Systemizer

Electrostatic powder coating and feeding

Equipment for manual/automatic spraying, color changes, metered feed and powder-conveying checks. Consider the coating unit, gun, control and feed combination.

Part 1 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-062	Manual electrostatic powder-coating sets, hopper feed	Check gun count, hopper configuration, components and required spraying capacity.
5-063	Manual electrostatic powder-coating sets, box feed	Consider gun count and powder feeding for color changes and high-mix, small-lot production.
5-064	Manual powder-coating sets with agitated hopper	Feeding method differs from fluidized-bed types.
5-065	Laboratory powder-coating sets with cup stand	For tests and coating samples.
5-066	Handheld electrostatic powder guns	Standalone gun consultation. Check powder-feed and controller compatibility.
5-067	Automatic corona-charging powder guns	Select specifications for cleanability, mounting and the component.
5-068	Compact automatic corona powder guns	Compact automatic-gun consultation. Confirm formal specification, connection compatibility and availability separately.

FOR YOUR CONSULTATION

Compatible configurations vary by equipment. Check guns, controls, feeding/recovery, powder used and availability separately.



Service illustration

05 Coat Systemizer

Electrostatic powder coating and feeding

Equipment for manual/automatic spraying, color changes, metered feed and powder-conveying checks. Consider the coating unit, gun, control and feed combination.

Part 2 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-069	Digital powder-coating controllers	Confirm compatibility with the gun and feeding system.
5-070	Automatic powder-gun units / metered-feed configurations	Distinguish standard and metered feed; check required powder delivery and control.
5-071	Metered powder-feeding and control equipment	Select methods such as capacitance-sensor control or screw feeding for the conditions.
5-072	Powder booths supporting color changes	Consider configuration by color-change frequency, installation area, mobility and modularization needs.
5-073	Microwave sensors for powder-conveying blockage detection	Hose-mounted. Confirm suitability for the powder and conveying conditions.

FOR YOUR CONSULTATION

Compatible configurations vary by equipment. Check guns, controls, feeding/recovery, powder used and availability separately.



Service illustration

05 Coat Systemizer

Liquid spray guns and electrostatic equipment

Manual/automatic air spray, airless, electrostatic and rotary atomization options. Consider coating type, geometry and process automation.

Part 1 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-074	Handheld air-spray guns	Pressure, suction and gravity feed are available. Nozzles depend on the specification.
5-075	Handheld high-pressure airless guns	Manual high-pressure airless spraying. Check coating, pressure, nozzle and hose configuration.
5-076	Automatic spray-gun series	A series designation. Check atomization method and mounting for each model.
5-077	Automatic airless spray guns	Check circulating/non-circulating paint feed and installation in automatic equipment.
5-078	Automatic air-spray guns with detachable heads	For automatic machines or robots. Confirm mounting configuration.
5-079	Low-pressure automatic air-spray guns	Check waterborne/solventborne coatings and automatic-equipment installation conditions.

FOR YOUR CONSULTATION

Check waterborne/solventborne suitability, charging, pressure and mounting for each type. Complete equipment and standalone guns require different configurations.



Service illustration

05 Coat Systemizer

Liquid spray guns and electrostatic equipment

Manual/automatic air spray, airless, electrostatic and rotary atomization options. Consider coating type, geometry and process automation.

Part 2 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-080	Handheld electrostatic air-spray guns for solventborne coatings	Integrated air-driven generator. Check coating and gun-specification compatibility.
5-081	Direct-charge handheld electrostatic guns for waterborne coatings	Direct charging of waterborne paint. Check paint feed and electrical isolation.
5-082	Indirect-charge handheld electrostatic guns for waterborne coatings	Indirect charging of waterborne paint. Check feed system and spraying conditions.
5-083	Automatic electrostatic air-spray guns	For automatic equipment. Check coating, mounting and compatibility with control/feed systems.
5-084	Rotary-bell electrostatic atomizers	Rotary atomization. Check component, mounting, paint feed and control configuration.
5-085	Rotary-bell electrostatic atomizers	Candidate rotary-atomization method. Check each type's configuration and application conditions.

FOR YOUR CONSULTATION

Check waterborne/solventborne suitability, charging, pressure and mounting for each type. Complete equipment and standalone guns require different configurations.



Service illustration

05 Coat Systemizer

Paint feeding, regulation and mixing

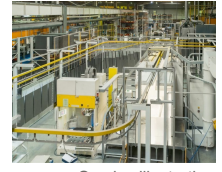
Equipment supporting feeding, circulation, agitation, pressure regulation, color changes, metering and mixing. Consider configuration by paint characteristics and process conditions.

Part 1 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-086	Air-operated double-diaphragm paint pumps	For gun feeding. Check whether a standalone pump or feed package is required.
5-087	Air-operated diaphragm paint pumps	Check pressure ratio and wetted materials separately.
5-088	Air-operated horizontal piston pumps for paint supply and circulation	Horizontal-piston method. Check flow, pressure, circulation and wetted materials.
5-089	Diaphragm material-feed pumps	For paint, adhesives and similar materials. Check viscosity and material compatibility.
5-090	Paint pressure-feed tanks	Select capacity, agitator and pressure specifications separately.
5-091	Paint agitators for pails, drums and similar containers	Includes rotary-piston air-motor types.

FOR YOUR CONSULTATION

Select after checking wetted materials, viscosity, flow, pressure, cleanability and compatibility with guns and controls.



Service illustration

05 Coat Systemizer

Paint feeding, regulation and mixing

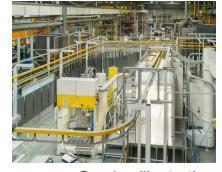
Equipment supporting feeding, circulation, agitation, pressure regulation, color changes, metering and mixing. Consider configuration by paint characteristics and process conditions.

Part 2 / 2

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-092	Air-pressure regulators for coating	Select by pressure, airflow, connections and equipment.
5-093	Paint-pressure regulators	For paint-pressure adjustment. Check wetted materials, set pressure and equipment.
5-094	Low-shear back-pressure regulators for paint circulation	Select for circulation-line back pressure, paint characteristics and wetted materials.
5-095	Color-change valves and paint-switching systems	Configure by color count, piping and flushing circuits.
5-096	Electronic paint metering, mixing and flow-control systems	Gear-pump based. 1K/2K/3K capability depends on configuration.
5-097	Replacement and maintenance parts for guns and paint-feed equipment	Check existing nameplate, serial number and parts drawings to identify compatible parts and availability.

FOR YOUR CONSULTATION

Select after checking wetted materials, viscosity, flow, pressure, cleanability and compatibility with guns and controls.



Service illustration

05 Coat Systemizer

Spray guns and electrostatic coating options

Equipment for general coating, automotive refinish, automatic coating and liquid/powder electrostatics. Select by working method and finish.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-098	Small / large handheld spray guns	For general coating. Select size and low-pressure requirements.
5-099	Small / large center-cup spray guns	Gravity feed. Check cup and nozzle.
5-100	Large pressure-feed handheld spray guns	Check straight or V-groove nozzle and required paint flow.
5-101	Conventional / low-pressure handheld spray guns	Select by conventional/low-pressure method, component, nozzle and air demand.
5-102	Handheld automotive-refinish spray guns	Check nozzle and cup configuration for automotive-refinish coatings and required appearance.
5-103	Spray guns for automatic equipment	Simple, general-purpose and high-performance types; select the model by application.
5-104	Handheld liquid electrostatic guns with air-driven generation	No external electrostatic controller is required.
5-105	Handheld electrostatic guns for liquid coatings	Distinguish conventional solventborne and waterborne/low-resistance types; check charging and feed conditions.
5-106	Automatic liquid electrostatic spray guns	Select for robot or reciprocator mounting.
5-107	Handheld electrostatic powder guns	For manual powder coating; distinct from liquid-paint guns.
5-108	Automatic electrostatic powder guns	For automatic machines and lines.
5-109	Electrostatic powder-coating equipment sets	An assembly including control and powder feed, rather than a gun alone.

FOR YOUR CONSULTATION

Distinguish manual/automatic and liquid/powder applications; check nozzle, cup, feed equipment, power and controls.



Service illustration

05 Coat Systemizer

Paint-feed equipment, accessories and parts

Pumps, tanks, agitators, coating packages and parts. For replacement/maintenance, check compatibility using existing equipment information.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-110	Standalone diaphragm paint-feed pumps	Standalone pump group. Check wetted materials, flow, pressure and connections.
5-111	Diaphragm paint-feed packages	Combined pump and feed equipment. Check configuration scope.
5-112	Bellows-seal pumps	Check pneumatic/electric type, pressure, flow and paint-contact conditions.
5-113	Plunger pumps / paint-feed packages	Distinguish standalone pumps and feed packages; confirm the required configuration.
5-114	Diaphragm-pump replacement and maintenance parts	Check full model, serial number and parts drawings for compatibility and availability.
5-115	Gravity / suction paint cups	Check gun, mounting thread and material.
5-116	Pressure tanks for paint feeding	Check waterborne compatibility, agitation and capacity.
5-117	Agitators for mixing and settling prevention	Includes radial-piston types. Select for container and paint.
5-118	High-paint-pressure airless coating equipment	Manage the pump, gun, hose and nozzle as a combination.
5-119	Combined air-spray and airless equipment	Combines air spray and airless. Check equipment configuration and paint compatibility.

FOR YOUR CONSULTATION

For parts, provide nameplate photos, serial numbers and drawings. We check compatibility, availability and work scope before advising.



Service illustration

05 Coat Systemizer

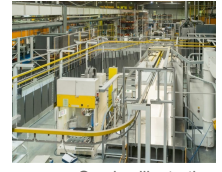
Automation and related utilities

Consultation on coating robots, integrated process lines, local exhaust, drying, vacuum and nitrogen supply. Consider configuration by process and required capacity.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-120	Coating robot systems	Combine equipment required for the coating process. Confirm the component and motion envelope.
5-121	Modular coating lines	Consider process modularization and robot transfer between stages.
5-122	Source-capture and local exhaust equipment	Consider mounting and airflow for the emission source and operator position.
5-123	Post-coating drying / curing equipment	Confirm coating cure conditions, part material, throughput and heat source.
5-124	Vacuum pumps and related vacuum equipment	Select by vacuum level, pumping speed and medium.
5-125	Nitrogen generation and supply equipment	Confirm required purity, flow and supply pressure.

FOR YOUR CONSULTATION

These items cover selection/design consultation. Confirm specifications, connections, utilities, supply and capability separately.



Service illustration

05 Coat Systemizer

Supply-air and exhaust filters

Filters for dust removal and paint-mist capture. Distinguish supply and exhaust uses; select for mounting dimensions, coating and dust conditions.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-126	Cube-shaped dry paint-mist filters	For exhaust paint-mist capture. Check mounting dimensions, airflow and replacement conditions.
5-127	Special flame-retardant treated paper exhaust filters	For paint-mist capture.
5-128	Plant-fiber exhaust filters	Select thickness for the coating used.
5-129	Processed-paper / nonwoven exhaust filters	Confirm mounting dimensions and replacement conditions.
5-130	Glass-wool panel exhaust filters	For paint-mist capture.
5-131	Nonwoven roll-type auxiliary exhaust filters	Prefiltration ahead of the main filter.
5-132	Glass-wool roll exhaust filters	Roll format. Check dimensions, mounting and replacement conditions.
5-133	Supply-air prefilters	Mainly capture coarse dust.
5-134	Supply-air dust filters	Check efficiency and mounting for supply-air dust removal and ceiling supply.
5-135	3-pocket connected supply-air filters	Confirm frame and depth for the pocket structure.
5-136	Nonwoven panel filters for supply or exhaust air	Exhaust: after primary filtration. Supply: at the air intake.
5-137	2-pocket connected supply/exhaust filters	Select by purpose; shared use is not assumed under all conditions.

FOR YOUR CONSULTATION

Check airflow, pressure loss, capture target, mounting and replacement frequency. Do not interchange supply and exhaust filters without confirming suitability.



Service illustration

05 Coat Systemizer

Circulating water and process management

Consultation on wet-booth circulating water, paint-sludge treatment and related equipment. Consider paint, water, recovery method and operation management.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-138	Alkaline powder paint coagulants	For booth circulating water; flotation recovery.
5-139	Moderately alkaline paint coagulants	For booth circulating water; flotation recovery.
5-140	Acidic paint coagulants	Consider the separation/recovery method. Check conventional/UV coating suitability by specification.
5-141	Neutral paint coagulants	For conventional and UV paints; flotation / separation recovery.
5-142	Defoamers for water-curtain booth circulating water	Suppress foam in circulating water. Check water quality and dosing conditions.
5-143	Deodorizers / biocides for water-curtain booth circulating water	Weakly acidic. Confirm chemical compatibility and dosing conditions.
5-144	Microbial paint-sludge treatment systems and dedicated supplies	Individual consultation. Check paint type, operation management, treatment conditions and availability.
5-145	IoT coating-equipment management systems	Individual consultation. Check connections, data collected, equipment and supply scope.
5-146	Pretreatment, electrodeposition and heating/drying equipment	Individual design consultation. Check process, specifications, equipment configuration and capability.
5-147	Conveying, coating-area air conditioning and wastewater equipment	Individual design consultation. Check conveying, air-conditioning and wastewater conditions separately.

FOR YOUR CONSULTATION

These chemicals are for circulating water, distinct from direct paint additives. Confirm treatment, management and related equipment specifications and capability separately.



Service illustration

05 Coat Systemizer

Automotive and large-vehicle booths

Candidates from cars to large vehicles by object size and working environment. Consider building fit, supply/exhaust, lighting and maintenance access.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
5-148	Push-pull automotive booths Economy-oriented configuration	Economy-oriented configuration. Check layout and drying-function inclusion by specification.
5-149	Standard-size automotive booths	Standard-size configuration. Check building, supply/exhaust, pit and drying-function inclusion.
5-150	Wide automotive booths	Larger working-space configuration. Check factory and vehicle dimensions and drying-function inclusion.
5-151	Booths emphasizing brightness and working space	Check windows, lighting, exhaust and workspace on drawings. Drying depends on specification.
5-152	Spray-bake booths for trucks, buses and large vehicles	Consider coating/drying, supply/exhaust and building conditions for truck/bus dimensions.

FOR YOUR CONSULTATION

Spray booths and spray-bake booths differ in function and configuration. Check drying, heat source, power and site dimensions for each specification.



Service illustration

06 Coat Visioner

Visualization and data use

Consultation on measuring and recording existing equipment and process conditions, and using data for improvement. Build the configuration from measurement points and improvement objectives.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
6-001	Equipment data-collection and visualization systems	Retrofitting existing equipment can be considered. Confirm connection conditions.
6-002	Analog/digital signal acquisition devices	Check signal type, input count, wiring and power supply.
6-003	Image-processing devices for status reading	Image-based acquisition. Check separate/optional configuration needs and supply scope.
6-004	Temperature, humidity, pressure, flow, vibration, water-level, pH and other sensors	Confirm measuring range, environmental resistance, calibration and replacement methods.
6-005	Cameras for reading gauges and indicator lights	Evaluate lighting, reflections, field of view and reading accuracy in the actual environment.
6-006	Historical records, chart display and CSV export	Confirm retention period, data rights and export format.
6-007	Threshold settings and email alerts	Define alert conditions and recipients. Monitoring alerts do not replace equipment safety controls.
6-008	Pretreatment-solution monitoring and analysis technology	Review measurement targets and management methods separately, including sampling, analysis and calibration.
6-009	Support for mixing and viscosity adjustment using coating-environment and accumulated data	Mixing/viscosity-adjustment consultation. Check data used and capability scope separately.
6-010	Business-management systems for orders, purchasing and inventory	Individual business-management consultation. Check monitoring-system connections and supply scope.
6-011	AI functions / display reading, droplet quantity, production counting and robot-coating support	AI-related consultation. Check data conditions, implementation method, accuracy and supply scope.

FOR YOUR CONSULTATION

Monitoring, analysis, mixing support, business management and AI require separate scope/configuration checks. They are not all included as standard functions.



Service illustration

07 Coat Linker

Connecting coating businesses in Japan and Vietnam

Share conditions and technical information for coating outsourcing/cooperation. Discuss candidate connections, trial preparation and evaluation by project.

ID	Product / Solution / Use	Conditions to confirm for selection and implementation
7-001	Define coating-project requirements Conditions for subcontracting / cooperation	Confirm substrate, part drawings, required quality, output and desired timing.
7-002	Connect coating businesses Review and introduce suitable candidates	Check processes, equipment, quality management, location and acceptance conditions.
7-003	Share technical conditions Align customer and coater understanding	Compile specifications, approved references, evaluation methods and inspection conditions.
7-004	Coordinate trials and evaluation Checks supporting mass-production decisions	Agree samples, trial scope, responsible parties and cost allocation.
7-005	Coordinate other core services Coatings, solvents, equipment and visualization	Combine the support required for each project.
7-006	Clarify cooperation conditions Responsibilities for ongoing business	Discuss contracts, quality responsibility, deadlines, logistics and confidentiality separately.

FOR YOUR CONSULTATION

Candidate acceptance, contracts, quality responsibility, schedule, logistics and confidentiality are discussed separately.

SOLUTION GUIDE / BY CUSTOMER ISSUE

Combining solutions by customer issue

Combine coatings, solvents, equipment and visualization to improve the process where the issue occurs. Share the topic ID with your representative.

Part 1 / 2

ID	Consultation topic	Related products, services and checks
A-001	Corrosion / galvanizing repair	Anticorrosive and zinc-rich coatings, pretreatment and coating equipment. Start with substrate, existing film, corrosive environment and expected life.
A-002	Film appearance / defect rate	Coatings, solvents, guns and supply-air filters. Check defect samples, point of occurrence, temperature/humidity, viscosity and film thickness.
A-003	Drying / curing stability	Baking coatings, ovens, temperature measurement and process visualization. Understand part temperature and time, beyond the set temperature.
A-004	Color changes / powder recovery	Powder coatings, guns, booths and feeding/recovery. Check color count, lot size, reclaimed-powder use and cleaning time.

FOR YOUR CONSULTATION

The table shows example consultation combinations. Specifications, capability and expected results are reviewed after confirming your conditions.

SOLUTION GUIDE / BY CUSTOMER ISSUE

Combining solutions by customer issue

Combine coatings, solvents, equipment and visualization to improve the process where the issue occurs. Share the topic ID with your representative.

Part 2 / 2

ID	Consultation topic	Related products, services and checks
A-005	EV component insulation	Insulating coatings, application equipment and evaluation. Check voltage, film thickness, geometry, heat dissipation, adhesion and durability.
A-006	Transition to phosphorus-free processes	Pretreatment chemicals, equipment and bath management. Evaluate the substrate and whole process, rather than replacing only one chemical.
A-007	Reduce manual work / improve productivity	Automatic guns, robots, conveying and paint feed. Understand takt, setup/changeover, quality criteria and implementation constraints.
A-008	Booth management / cleaning workload	Filters, circulating-water chemicals and paint-sludge treatment. Check paint type, airflow, differential pressure, water and maintenance frequency.
A-009	Equipment-status visualization	Monitoring systems, sensors and data use. Define improvement indicators first, then select the necessary measurement points.

FOR YOUR CONSULTATION

The table shows example consultation combinations. Specifications, capability and expected results are reviewed after confirming your conditions.

CUSTOMER SUPPORT / CONSULTATION

From consultation to implementation

We can start with your issue and current conditions even before specifications are defined. Share reference IDs and the information already available.

01 Share the issue and objective

Describe the problem, the quality/work/cost improvements sought and your desired timing.

02 Confirm materials, products and site

Check substrate, drawings/samples, current coating, process, equipment dimensions and output.

03 Propose candidates and capability scope

Using reference IDs, we discuss product, equipment and support candidates and their supply/capability scope.

04 Discuss specifications, trials and evaluation

Where needed, check samples or actual parts. Agree evaluation conditions, responsibilities and costs in advance.

05 Confirm quotation and implementation conditions

Check quantity, packaging, lead time, installation/construction, warranty, maintenance and logistics.

06 Move to implementation and operation

Proceed within the agreed scope, checking service conditions and required support.

Contact CoatureVietnam

Tell the CoatureVietnam representative who sent you this guide the IDs of interest, substrate/product, current process and desired timing. If you have drawings, photos or samples, we will advise how to share them for the consultation.

DOCUMENT INFORMATION / EDITION

Document information and revision history

Content is updated as products, technology and supply conditions change. Please quote the edition and reference ID when contacting us.

Item	Details
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Source revision history

Date / Edition	Main changes
17/09/2026 EXT-VN 1.4	Standardized Coat Systemizer and Coat Visioner names. Used the globe image for Thinner Streamer and puzzle image for Coat Linker.
17/09/2026 EXT-VN 1.3	Service Brochure styling: angled orange panels, image layouts and readable tables; content, IDs and order retained.
17/09/2026 EXT-VN 1.2	Removed the top-edge orange line; replaced the paint-tank image with four Coature paint cans from the official website.
17/09/2026 EXT-VN 1.1	Updated branding and illustrations from the CoatureVietnam website; content, IDs and order retained.
17/09/2026 EXT-VN 1.0	First Vietnamese edition, corresponding to EXT-JP 1.0: products, equipment and 7 core services.

Request the latest edition

Contact your CoatureVietnam representative for the latest edition. Reference IDs are managed for continuity; deleted IDs are not reused for other entries.

The edition and issue date are updated when information is added or changed. Individual proposals and contracts are confirmed through quotations, specifications and related documents.