

Fence Coating & Exposure Zone Reference Pack

Galvanized, PVC coated and project-standard coating notes for wire mesh and fence RFQs

Scope note: This pack is a procurement reference, not a final quotation, engineering design, coating warranty or compliance approval. Final coating route, zinc layer, PVC thickness, testing, packing and documents should be confirmed against the project drawing, destination market and supplier order review.

Best used by importers, construction companies, distributors and project procurement teams before sending a fence or wire mesh RFQ.

Reference page: <https://anjiamesh.com/sourcing-knowledge/galvanized-vs-pvc-coated-wire-mesh-guide/>

Coating selector: <https://anjiamesh.com/tools/fence-coating-exposure-zone-selector/>

RFQ builder: <https://anjiamesh.com/tools/wire-mesh-rfq-specification-builder/>

Use this PDF for	Do not use it for
Preparing coating questions before RFQ; sharing a common reference with sourcing, QA and project teams; checking which values are missing.	Replacing a project specification; converting salt spray hours into service life; approving equivalent standards without buyer or engineer acceptance.

1. Coating Decision Before RFQ

A coating decision should start from exposure, measurable coating values and project standard notes. If a value is uncertain, write To be confirmed rather than hiding the gap.

Finish direction	Best use before RFQ	Main caution	RFQ detail to confirm
Electro galvanized	Indoor, dry warehouse, light outdoor or budget-sensitive mesh where heavy corrosion exposure is not expected.	Usually not the first choice for coastal, tropical, industrial or long-term outdoor exposure.	Base wire, zinc layer expectation, passivation, use environment and packing method.
Hot-dip galvanized wire	Outdoor fence, welded mesh panel, chain link fence, farm fence and wire products needing stronger galvanized protection.	Surface look, zinc layer, weld point treatment and applicable standard must be confirmed.	Galvanized before or after welding, zinc layer, standard note and destination exposure.
Galvanized plus PVC coated	Fence projects needing visible color, barrier coating, humid outdoor use or distributor appearance consistency.	PVC thickness, color, adhesion, UV exposure, rubbing risk and base zinc route need confirmation.	Core wire, outside diameter, PVC thickness, RAL color, coating sequence and packing protection.
Special review finish	Seafront, chemical, wastewater, high-UV, animal waste or strict project-standard environments.	Do not auto-select a finish when exposure details, documents or project standards are unclear.	Exposure details, standard requirement, test request, photos, drawings and maintenance assumptions.

2. Zinc, PVC and Salt Spray Values to Confirm

The following ranges are sourcing discussion ranges. They are not service-life promises. Actual field performance changes with base steel, coating process, cut edges, weld points, transport damage, UV, salinity, chemicals, installation and maintenance.

Coating basis	Common RFQ range to discuss	Salt spray discussion	What to send ANJIA
Light electro galvanized wire	Often around 8-25 g/m2 zinc for indoor or low-exposure mesh, depending on product and route.	Some buyers ask for 24-96 hours. Define white rust, red rust or rating method.	Expected zinc mass, passivation, indoor or outdoor use, packing and whether salt spray is required.
Commercial hot-dip galvanized wire	Often around 40-100 g/m2 zinc for general fence or mesh RFQs in moderate outdoor use.	96-240 hours may appear in quotation discussions, but the project spec should define method and pass/fail rule.	Zinc mass, wire diameter, galvanizing before or after weaving/welding, and destination exposure.
Heavy galvanized wire or post-fabrication galvanizing	Heavy galvanized wire may be discussed at 100-240+ g/m2. Fabricated posts or frames may be specified by coating thickness under a hot-dip standard.	240-500+ hours can be requested, but salt spray alone should not predict natural outdoor life.	Exact standard, coating class or mass, drawing notes, inspection method and weld/cut-area treatment.
Galvanized plus PVC coated wire	State core wire and outside diameter, for example 2.5 mm core / 3.5 mm outside. PVC radial thickness is commonly discussed around 0.4-1.0 mm.	500-1000 hours may be used, but adhesion, UV aging, bending and impact can matter as much as salt spray.	Core wire, outside diameter, PVC thickness, RAL color, UV note, adhesion/test request and packing protection.

Salt spray methods such as ISO 9227 and ASTM B117 describe controlled laboratory environments. They do not convert directly into outdoor service years.

3. Regional Project Standards Matrix

Project drawings and tender notes can override a normal supplier recommendation. Send the exact standard number, revision, clause and acceptance requirement instead of only writing galvanized or PVC coated.

Market	Standards often seen in RFQs	What they can change	RFQ wording rule
North America	ASTM A392, ASTM F668, ASTM F1043, ASTM F1083, ASTM A123/A123M and owner or DOT requirements.	Zinc-coated fabric type, framework coating, pipe requirement, polymer class and inch-pound inspection language.	Send ASTM clause, fabric gauge or wire diameter, mesh size, coating class, framework pipe spec, color and owner spec.
Europe and UK	ISO 1461 / EN ISO 1461, EN 10244-2, EN 10245-2, EN 10223-6 and EN 13438 may appear by component.	Wire coating mass, fabricated article coating thickness, PVC finished wire tests, chain link dimensions and powder coating requirements.	State whether the standard applies to wire, woven fabric, welded panel, post, frame, clamp or finished article.
Middle East and Gulf	ASTM, BS EN, ISO and owner specifications are often combined with coastal, desert, UV or industrial clauses.	Can push the RFQ toward heavier zinc, galvanized plus PVC, duplex coating, special packing and stricter documents.	Send location, coast distance, desert/sand exposure, chemical exposure, UV requirement and allowed equivalents.
South America	ASTM, ISO, EN or local national standards. Brazil projects may reference ABNT NBR 6323 for hot-dip galvanizing.	Can change units, language, inspection certificates and local equivalent-standard acceptance.	Send exact local standard, language, revision, inspection certificate request and whether ASTM/ISO/EN equivalents are allowed.
Australia and New Zealand	AS 1725.1, AS 2423, AS/NZS 4680 and project-specific notes for posts, chain wire, barbed wire, tie wire and fittings.	Can define chain link fabric, coated steel wire, fabricated steel galvanizing and exact post/fitting notes.	Paste the drawing note and ask ANJIA to separate chain wire, posts, rails, fittings, caps and wire ties.

4. RFQ Wording Checklist

Use this wording when a buyer needs a coating basis but still wants supplier confirmation. Keep unknown values visible.

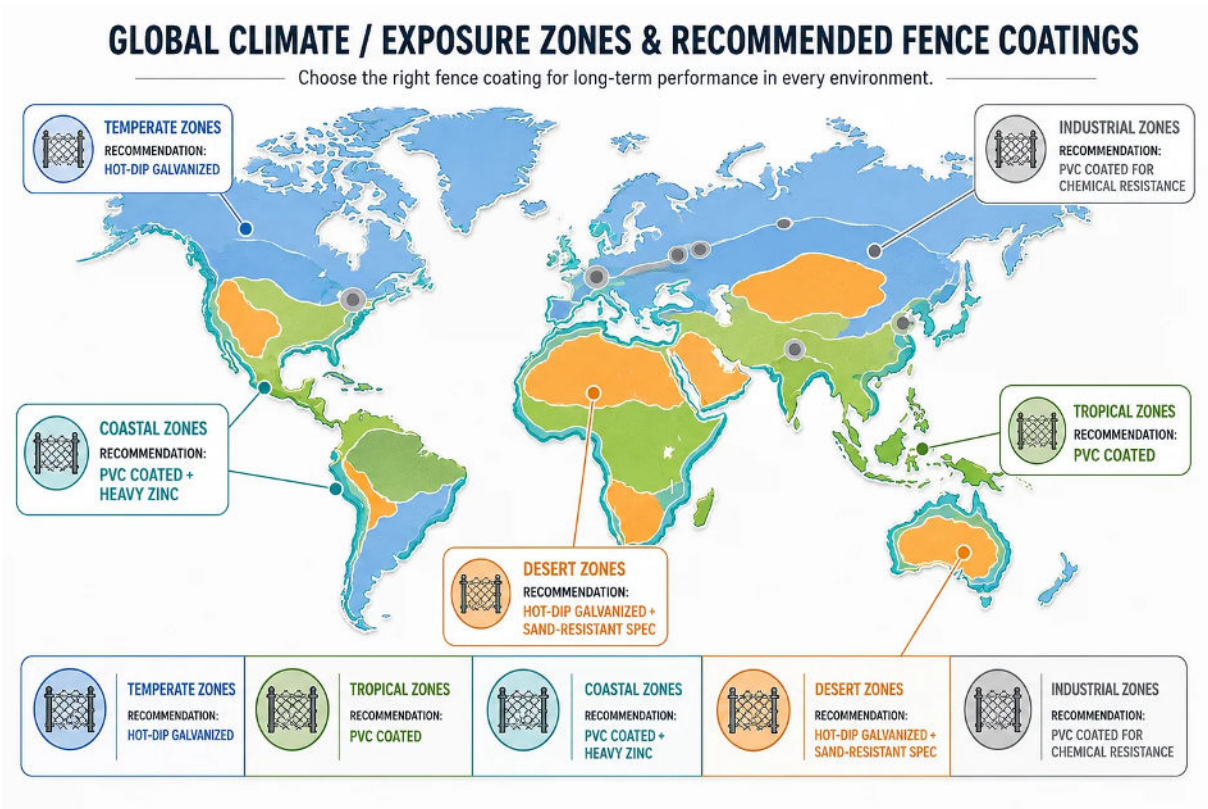
RFQ field	Write or confirm
Product	Chain link fence / welded mesh panel / 358 fence / temporary fence / farm fence / razor wire / custom mesh.
Base specification	Material, wire diameter, mesh opening, panel or roll size, post/rail/fitting details and quantity.
Coating route	Electro galvanized / hot-dip galvanized / galvanized plus PVC / PVC coated / powder coated / To be confirmed.
Measurable coating values	Zinc coating mass or coating thickness, PVC core and outside diameter, PVC color and thickness, UV note.
Project exposure	Inland, tropical, coastal, desert, industrial, livestock/soil contact, coast distance and maintenance assumptions.
Standards and tests	Named standard, revision, clause, salt spray hours, acceptance point, adhesion, bending, UV or inspection report requirement.
Packing and documents	Pallet, bundle, plastic film, moisture protection, loading photos, MTC, CO/FORM certificate and inspection documents.

Sample wording

Please quote galvanized plus PVC coated chain link fence for coastal outdoor use. Core wire and outside diameter: To be confirmed. Preferred color: green RAL 6005 or equivalent. Please confirm zinc coating mass, PVC thickness, applicable standard, salt spray or adhesion test availability, packing protection and inspection documents before quotation.

5. Exposure Map and Workflow

A climate or exposure map helps start the coating conversation, but it cannot replace the project standard. Use it to decide what evidence to send with the RFQ, then confirm the coating requirement against the drawing and supplier review.



Step	Recommended ANJIA resource
1. Decide the coating conversation	Fence Coating & Exposure Zone Selector - https://anjiamesh.com/tools/fence-coating-exposure-zone-selector/
2. Turn the requirement into RFQ wording	Wire Mesh RFQ Specification Builder - https://anjiamesh.com/tools/wire-mesh-rfq-specification-builder/
3. Check missing quotation fields	Wire Mesh RFQ Checklist - https://anjiamesh.com/tools/wire-mesh-rfq-checklist/
4. Read the full reference guide	Galvanized vs PVC Coated Wire Mesh Guide - https://anjiamesh.com/sourcing-knowledge/galvanized-vs-pvc-coated-wire-mesh-guide/

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