VIVANTA INTERNATIONAL

EXPORT PRODUCT CATALOG

Building Materials for *Global Projects.*

Construction and infrastructure materials sourced from India for international projects and buyers.

01 CORE	02 CORE	03 CORE	04 CORE
TMT Bars	Cement	Steel Pipes	PVC Pipes

VIVANTA INTERNATIONAL
Rajkot, Gujarat, India • Ports: Mundra / Kandla

FOB • CIF • CFR Supply

International B2B Edition

ABOUT VIVANTA INTERNATIONAL

Sourcing Partner for *Global Infrastructure*

An India-based export and sourcing desk coordinating construction and infrastructure materials.

Vivanta International is an India-based export and sourcing partner supplying construction and building materials for international projects and commercial buyers. We coordinate closely with reliable Indian manufacturers and supply partners to source TMT bars, cement, steel pipes, PVC pipes and related structural materials according to buyer specifications, managing supplier coordination, quality documentation, and export shipment logistics.

OUR EXPORT POSITIONING

International Sourcing Desk

Rather than operating as a single manufacturer, Vivanta operates as an export gateway—connecting global importers with verified Indian industrial capacities, ensuring strict specification compliance and unified container handling.

LOGISTICS & GATEWAY

Deepwater Sea Ports

Headquartered in Rajkot (Gujarat), we leverage proximity to India's leading maritime ports—principally **Mundra** and **Kandla**—delivering competitive freight routing to the Middle East, Africa, and Southeast Asia.

SOURCING BASE	EXPORT PORTS	INCOTERMS	ORDER MODE
India	Mundra / Kandla	FOB / CFR / CIF	Project & Container
Reliable mill network	Western coast connectivity	Flexible shipment terms	FCL & mixed material supply

Corporate Notice: Vivanta International is a registered commercial export partnership based in Rajkot, Gujarat, India. Vivanta acts as an export merchant and sourcing coordinator for primary steel mills, cement plants, and pipe fabricators across India.

• SOURCING CAPABILITIES

Why Partner with *Vivanta*?

A structured, single-desk export coordination model delivering construction materials from vetted Indian supply channels.

01 **Multi-Product Sourcing**

Source multiple construction materials—from structural steel and reinforcement rebar to pipes and cement—through one dedicated export partner, simplifying vendor coordination.

02 **Supplier Coordination**

We coordinate with suitable Indian manufacturers and accredited supply partners, aligning manufacturing schedules and order allocations with your project timeline.

03 **Specification-Focused Supply**

Product grades, dimensions, tolerances, and mechanical properties are rigorously confirmed against buyer requirements prior to production and dispatch.

04 **Export Documentation**

Complete commercial and shipping documentation—including Commercial Invoices, Packing Lists, Certificates of Origin, and Mill Test Certificates (where applicable)—is systematically compiled.

05 **Project & Container Supply**

Tailored for full container loads (20ft and 40ft FCL) as well as scheduled project-based replenishment, optimizing payload efficiency and transit safety.

Notice on Capabilities: Product specifications, lead times, and documentation vary by manufacturer and buyer requirements. All orders are subject to confirmed commercial agreement.

TRANSPARENT SUPPLY CHAIN

From Requirement to *Shipment*

A 6-step coordination methodology engineered to ensure specification alignment and reliable delivery.

PHASE 01 — 01

Share Your Requirement

The buyer shares required product categories, grades, sizes, estimated quantities, destination port, and preferred Incoterm (FOB/CFR/CIF).

PHASE 02 — 02

Sourcing & Coordination

Vivanta reviews manufacturing capabilities across our network of accredited Indian producers to confirm stock availability and production lead times.

PHASE 03 — 03

Specification Confirmation

Technical parameters, standards, packaging formats, and delivery terms are finalized and agreed upon in a formal Proforma Invoice.

PHASE 04 — 04

Quality & Documentation

Material undergoes standard quality checks, manufacturer testing, and documentation preparation (MTC, test reports) prior to dispatch.

PHASE 05 — 05

Export Packing & Stuffing

Cargo is bundled, strapped, palletized, or bagged according to seaworthy export standards, followed by supervised container stuffing.

PHASE 06 — 06

Shipment Coordination

Customs documentation, port logistics at Mundra/Kandla, and Bill of Lading coordination are managed for timely dispatch.

Coordination Scope: Detailed inspection certificates or third-party inspection (e.g. SGS / Bureau Veritas) can be facilitated upon request subject to order terms.

SOURCING DIRECTORY

Complete *Product Portfolio*

All products sourced through Vivanta International, categorized into primary export lines and extended materials.

CORE EXPORT LINES

4 Categories

01. TMT Reinforcement Bars p. 06–07
High-yield deformed rebars (Fe500D, Fe550, Fe600) for structural reinforcement.

02. Portland Cement (OPC / PPC) p. 08–09
OPC 43, OPC 53, and PPC for infrastructure, commercial, and marine civil works.

03. MS / GI / SS Steel Pipes p. 10–11
ERW, seamless, and galvanized hollow sections for structural and fluid transport.

04. PVC Pipes & Fittings p. 12–13
UPVC, CPVC, and SWR piping with matched injection-molded fitting sets.

EXTENDED RANGE

5 Categories

05. Structural Steel Sections p. 15
Angles, channels (ISMC), and I-beams (ISMB) hot-rolled to IS:2062.

06. Construction Hardware p. 16
High-tensile fasteners, foundation bolts, threaded rods, and anchors.

07. Steel Billets p. 17
Continuous cast square billets (100×100mm, 130×130mm) for re-rolling.

08. Binding Wire & GI Wire Mesh p. 18
Black annealed tie wire (0.9–4mm) and galvanized welded mesh.

09. White Cement & Wall Putty p. 19
White Portland cement and polymer skim coat wall putty in 20/40kg bags.

Export Packaging & Container Logistics Standards p. 20–21
Comprehensive guidance on payload distribution and container stuffing.

PRIMARY EXPORT LINE

TMT Reinforcement *Bars*

Thermo-Mechanically Treated (TMT) high-yield reinforcement steel engineered for modern concrete structures and heavy infrastructure projects.



PRODUCT OVERVIEW

TMT reinforcement bars feature a tough, tempered martensitic outer rim with a ductile ferritic-pearlitic core. This microstructure delivers high tensile strength combined with high elongation, making them suitable for seismic zones, high-rise buildings, bridges, and critical civil works.

FE 500D | FE 550 | FE 600 | AVAILABLE FOR EXPORT

KEY APPLICATIONS

- High-rise commercial & residential towers
- Bridge piers, elevated expressways & metro rail
- Earthquake-resistant ductile structural detailing
- Industrial foundations & heavy slab casting

Export Ready: Supplied in standard bundles secured with high-tensile metal strapping. Mill Test Certificates (MTC) supplied with every export consignment.

• TECHNICAL REFERENCE

TMT Mechanical *Specifications*

Reference mechanical and dimensional specifications for export TMT reinforcement bars. Final properties aligned with confirmed order specifications.

GRADE	YIELD STRENGTH (MIN.)	TENSILE STRENGTH (MIN.)	ELONGATION	TYPICAL APPLICATION
Fe 500	500 N/mm²	545 N/mm²	16%	Residential & low-rise construction
Fe 500D	500 N/mm²	565 N/mm²	18%	Seismic zones & ductile detailing
Fe 550	550 N/mm²	585 N/mm²	14.5%	High-rise & industrial structures
Fe 600	600 N/mm²	660 N/mm²	14%	Bridges, metro & heavy infrastructure

Typical specification — subject to product / manufacturer specification and applicable standards.

AVAILABLE DIAMETERS

8 mm – 40 mm

Standard sizes: 8, 10, 12, 16, 20, 25, 28, 32, 40mm

STANDARD CUT LENGTH

12.0 Meters (Straight / Bend)

Bent 'U' bundles available for 20ft container stuffing

PACKAGING STANDARD

Heavy-Duty Bundled & Tagged

Strapped with high-tensile metal bands with heat number tags

CONTAINER PAYLOAD

25 – 27 MT per 20ft / 40ft

Optimized according to shipping line weight regulations

EXPORT QUALITY ASSURANCE

Consignments are accompanied by Mill Test Certificates (MTC) verifying chemical analysis (Carbon, Sulphur, Phosphorus content) and mechanical properties. Third-party testing (SGS / BV) can be facilitated upon request.

Note: Available specifications may vary according to manufacturer and buyer requirement. Exact tolerances confirmed upon quotation.

PRIMARY EXPORT LINE

Portland Cement *OPC / PPC*

High-grade Ordinary Portland Cement and Portland Pozzolana Cement formulated for civil engineering, commercial structures, and infrastructure works.



PRODUCT OVERVIEW

Manufactured from premium clinker and gypsum, our sourced cement range delivers consistent early and 28-day compressive strengths. Sourced from certified Indian producers with optimized particle size distribution for high workability and low water demand.

OPC 43 | OPC 53 | PPC | AVAILABLE FOR EXPORT

KEY APPLICATIONS

- Reinforced Cement Concrete (RCC) structures
- High-strength precast components & prestressed beams
- Dams, marine structures & mass foundations
- Road pavements, bridges & civil earthworks

Packing Format: Supplied in 50kg multi-wall kraft paper sacks or woven polypropylene (PP) bags with inner moisture liners, palletized and shrink-wrapped for maritime transit.

• TECHNICAL REFERENCE

Cement Technical *Data*

Reference technical and physical properties for Ordinary Portland Cement and Portland Pozzolana Cement.

GRADE	28-DAY STRENGTH	SETTING TIME (INITIAL)	FINENESS (BLAINE)	TYPICAL APPLICATION
OPC 43	43 MPa	≥ 30 min	225 m²/kg	General RCC & plastering work
OPC 53	53 MPa	≥ 30 min	225 m²/kg	High-strength precast & structural concrete
PPC	33 – 43 MPa	≥ 30 min	300 m²/kg	Mass concreting, marine works & foundations

Typical specification — subject to product / manufacturer specification and applicable standards.

PRIMARY PACKING UNIT

50 kg Export Bags

HDPE woven laminated or 3-ply Kraft paper with moisture barrier

PALLETIZED DELIVERY

Wooden Pallets + Shrink Wrap

Heat-treated ISPM-15 wooden pallets with waterproof hooding

CONTAINER LOADING MODE

20ft Heavy FCL (26 – 28 MT)

Approx. 520 to 560 bags per 20ft container (loose or palletized)

BULK SUPPLY MODE

Jumbo Sling Bags (1.0 – 1.5 MT)

Heavy-duty FIBC bags with top spout and lifting loops

MARITIME TRANSIT MOISTURE PROTECTION

All export container shipments utilize internal container desiccant packs, poly-lined container walls, and heavy-duty floor kraft liners to protect cement cargo from condensation and humidity during tropical voyages.

Note: Available specifications may vary according to manufacturer and buyer requirement.

PRIMARY EXPORT LINE

MS / GI / SS *Steel Pipes*

Comprehensive piping solutions comprising Mild Steel (ERW/Seamless), Galvanized Iron (GI), and Stainless Steel (SS) tubular products.



PRODUCT OVERVIEW

Supplied in plain end, beveled end, or threaded with socket configurations. Produced by certified Indian pipe manufacturers with full hydrostatic and non-destructive eddy current weld integrity testing.

ERW MILD STEEL | HOT-DIP GALVANIZED | STAINLESS 304/316

AVAILABLE FOR EXPORT

KEY APPLICATIONS

- Firefighting & potable water reticulation
- Structural columns, trusses & scaffolding
- Corrosive industrial & chemical process piping
- HVAC chilled water loops & cooling systems

End Protection: Bundled with metal strapping and equipped with plastic end-caps or bevel protectors to preserve thread and edge integrity during ocean transit.

• TECHNICAL REFERENCE

Steel Pipes Technical *Data*

Reference technical properties for Mild Steel, Galvanized Iron, and Stainless Steel pipes.

TYPE	SIZE RANGE (NB)	WALL THICKNESS	APPLICABLE STANDARD	TYPICAL APPLICATION
MS ERW	15 mm – 300 mm NB	Sch 40 / 80 / Light / Med	IS:1239 / API 5L / ASTM A53	Structural & fluid transport
GI Pipes	15 mm – 150 mm NB	Class A / B / C / Sch 40	IS:1239 / BS 1387	Water lines, scaffolding & framing
SS Pipes	1/2" – 12" NB	Sch 10 / Sch 40 / Sch 80	ASTM A312 (TP304 / TP316L)	Corrosive & industrial environments

Typical specification — subject to product / manufacturer specification and applicable standards.

AVAILABLE LENGTHS

6.0 Meters Standard

Custom cut lengths (5.8m to 12.0m) available on order

END FINISHES

Plain / Beveled / Threaded

Threaded ends fitted with galvanized socket couplings

SURFACE FINISHES

Black Varnished / Hot-Dip GI / Pickled

Anti-corrosive black mill varnish or uniform zinc coating

ZINC COATING MASS (GI)

360 – 500 g/m²

Heavy-duty hot-dip galvanization for outdoor exposure

HYDROSTATIC & NON-DESTRUCTIVE TESTING

Every pipe lot is produced with 100% in-line eddy current or hydrostatic testing to ensure zero longitudinal seam defects. Dimensional tolerance and wall thickness are verified against EN/ASTM/IS standards.

Note: Available specifications may vary according to manufacturer and buyer requirement.

PRIMARY EXPORT LINE

PVC Pipes & *Fittings*

Complete thermoplastic piping solutions comprising UPVC, CPVC, and SWR systems for plumbing, potable water supply, and building drainage.



PRODUCT OVERVIEW

Extruded from virgin grade polymer resin, ensuring mirror-smooth bore surfaces, high flow rates, and chemical resistance. Supplied as complete systems with matched injection-molded fittings for leak-proof installation.

UPVC PRESSURE | CPVC HOT & COLD | SWR DRAINAGE | MADE TO ORDER

KEY APPLICATIONS

- Residential & hotel hot/cold potable water plumbing
- Underground municipal drainage & sewerage lines
- Rainwater harvesting & agricultural irrigation
- Chemical conveyance & industrial effluent handling

Matched Sets: Supplied alongside complete sets of elbows, tees, couplers, union joints, and solvent cement, packed in heavy-duty export master cartons.

• TECHNICAL REFERENCE

PVC Dimensional & *Class Matrix*

Reference technical properties for UPVC, CPVC, and SWR piping configurations.

SYSTEM	SIZE RANGE (OD)	PRESSURE RATINGS	END CONNECTION	TYPICAL APPLICATION
UPVC Pressure	20 mm – 315 mm	Class 1–5 / PN 6 – PN 16	Solvent Weld / Rubber Ring	Potable cold water & irrigation
CPVC Hot/Cold	15 mm – 100 mm (1/2"–4")	SDR 11 / SDR 13.5 (Sch 40/80)	Solvent Cement Socket	Hot & cold domestic water up to 93°C
SWR Drainage	75 mm, 110 mm, 160 mm	Type A (Rain) / Type B (Soil)	Ring Fit (Push Fit) / Solvent	Soil, waste, and rainwater drainage

Typical specification — subject to product / manufacturer specification and applicable standards.

STANDARD LENGTH

3.0m, 5.8m, 6.0m

5.8m optimized specifically for 20ft/40ft maritime containers

FITTING COMPONENTS

Elbows, Tees, Reducers, Caps

Available in 45° and 90° bends, brass insert transitions

MATERIAL COMPOSITION

100% Virgin Polymer Resin

Lead-free formulations conforming to international potable water norms

CONTAINER NESTING

Telescopic Pipe Nesting

Smaller diameter pipes nested inside larger pipes to maximize payload

CONTAINER FREIGHT VOLUME OPTIMIZATION

Due to the lightweight nature of PVC pipes, our export desk coordinates multi-diameter "telescopic nesting"—inserting smaller diameter pipes into larger pipes—substantially reducing ocean freight cost per meter.

Note: Available specifications may vary according to manufacturer and buyer requirement.

• TURNKEY MATERIAL SUPPLY

Additional *Construction Materials*

Alongside our four core categories, Vivanta International coordinates the export of essential structural, fabrication, raw material, and finishing supplies for mixed-container and turnkey project procurement.

STRUCTURAL Angles & Beams	HARDWARE Fasteners & Anchors
RAW MATERIAL Steel Billets	
ACCESSORIES Binding Wire & GI Mesh	FINISHING White Cement & Putty

• HOT-ROLLED SECTIONS

MS Angles, Channels *& Beams*

Primary structural steel profiles conforming to IS:2062 for heavy fabrication, industrial warehouse framing, and infrastructure support.



PRODUCT DETAILS

Hot-rolled structural steel sections produced from high-yield carbon steel. Characterized by uniform section geometry, high structural modulus, and weldability for pre-engineered buildings, power plant structures, and port cranes.

HOT ROLLED | IS:2062 GRADE A/E250 | AVAILABLE FOR EXPORT

PROFILE RANGE

- **Equal Angles:** 20×20mm up to 150×150mm
- **ISMC Channels:** 75mm up to 300mm depth
- **ISMB Beams:** 100mm up to 450mm height
- **Lengths:** 6m / 12m standard mill lengths

Export Specifications: Bundled in bare finish with metallic straps. Mill Test Certificates confirming tensile strength and chemical composition provided with each shipment.

• STRUCTURAL FASTENERS

Construction *Hardware*

Heavy-duty structural fasteners, foundation anchor bolts, threaded rods, and hardware accessories for building and infrastructure assembly.



PRODUCT DETAILS

High-tensile fasteners and anchor bolts engineered to support structural connections, steel framing, equipment foundations, and curtain walling. Sourced with electro-galvanized or hot-dip galvanized finishes.

GRADE 8.8 / 10.9 | HOT-DIP GALVANIZED | AVAILABLE ON REQUEST

AVAILABLE HARDWARE

- High-tensile hex bolts, heavy nuts & flat washers
- Continuous threaded steel rods (1m, 2m, 3m)
- Wedge anchor bolts & drop-in concrete anchors
- Packed in sturdy export cartons & wooden crates

Consolidation: Hardware items can be packed and consolidated inside structural steel or pipe containers, optimizing freight volume.

• RE-ROLLING STOCK

Continuous Cast *Steel Billets*

Semi-finished square steel billets manufactured via continuous casting for secondary re-rolling into rebar, wire rod, and light structural profiles.



PRODUCT DETAILS

Manufactured through electric arc furnace or induction furnace routes with ladle refining. Features solid internal soundness, minimal surface imperfections, and controlled chemical chemistry for trouble-free rolling mill operation.

100X100MM | 130X130MM | MADE TO ORDER

TECHNICAL HIGHLIGHTS

- **Standard Cross Sections:** 100×100mm & 130×130mm
- **Length:** 6.0m to 12.0m as per requirement
- **Grades:** Low, medium, and high-carbon chemistries
- **Shipment:** Breakbulk vessel or 20ft container loads

Note: Chemical composition (C, Mn, Si, S, P) tailored to match buyer re-rolling requirements. Heat-wise spectral analysis certificate supplied.

• REINFORCEMENT ACCESSORIES

Binding Wire & *GI Wire Mesh*

Black annealed binding wire and galvanized welded wire mesh products for concrete rebar tying, plaster reinforcement, and fencing.



PRODUCT DETAILS

Soft annealed black binding wire provides maximum flexibility and knot-tying speed for rebar fixers without snapping. Galvanized welded wire mesh delivers uniform grid spacing and rust resistance for slabs and plaster retention.

BLACK ANNEALED | GI COATED | AVAILABLE FOR EXPORT

SPECIFICATIONS & PACKING

- **Wire Gauge:** 0.9 mm to 4.0 mm (16–22 SWG)
- **Coil Weights:** 5kg, 10kg, 25kg export wrapped coils
- **Mesh Formats:** Rolls (1m x 30m) or flat welded panels
- **Packing:** Plastic film wrap with outer woven bag

Order Note: Available in bulk container orders or as mixed-cargo replenishment alongside TMT bars and structural steel shipments.

• ARCHITECTURAL FINISHING

White Cement & *Wall Putty*

High-whiteness Portland cement and polymer-modified skim coat wall putty for interior and exterior wall finishing and architectural plastering.



PRODUCT DETAILS

Delivers superior whiteness index (>88%), smooth finish, and water repellency. Sourced from certified mineral processing plants, providing excellent adhesion on plastered masonry, precast panels, and concrete surfaces.

INTERIOR GRADE | EXTERIOR WATER-RESISTANT | AVAILABLE ON REQUEST

SPECIFICATIONS & PACKING

- **Packaging:** 20 kg & 40 kg multi-ply moisture-proof bags
- **Whiteness Index:** >88% on Hunter scale
- **Coverage:** High spreading rate with zero shrinkage cracks
- **Palletizing:** Full shrink-wrapped pallet units

Quality Note: Tested for setting times, compressive strength, and fineness in line with relevant architectural cement standards.

MARITIME TRANSIT PROTECTION

Export Packing & *Logistics*

Standardized export packing, dunnage, and container stuffing protocols designed to protect materials during international ocean transit.



SEAWORTHY PACKING

Secure Bundling

Steel products are bound with heavy-duty metal strapping and edge protectors. Cement and powder bags are palletized and shrink-wrapped with waterproof hooding.

STUFFING & LASHING

Weight Balance

Container loading is planned to distribute weight uniformly. Heavy structural items are anchored with certified dunnage, timber chocks, and tensioned lashings.

CLIMATE PROTECTION

Moisture Defense

High-absorption silica gel desiccants and container liner bags are deployed to prevent container sweat and condensation during maritime voyages across varying climates.

Port Handling: Primary export shipments exit via Mundra Port and Kandla Port in Gujarat, offering direct shipping line connections to the Middle East, East Africa, and Southeast Asia.

• BUYER GUIDANCE

Ordering & Export *FAQ*

Direct answers to commercial, logistics, and specification questions regarding sourcing construction materials from India.

Can I combine different products in one shipment?

Combining multiple products in a single shipment can be considered depending on quantities, container type, and destination. Share your required mix and our desk will advise on packing compatibility.

What information is required to receive an export quotation?

Product, grade or specification standard, quantity, destination country/port, and preferred Incoterm (FOB, CFR, or CIF). Detailed requirements ensure rapid and accurate quotation turnaround.

Can products be supplied according to specific grades or specifications?

Yes, subject to manufacturer capability and minimum commercial order quantities. Share your exact project specification schedule during initial enquiry.

Which export documents are provided?

Commercial Invoice, Packing List, Bill of Lading, Certificate of Origin, and Mill Test Certificates (where applicable) are systematically coordinated for customs clearance.

What are the standard available Incoterms?

FOB (Mundra / Kandla), CFR (Discharge Port), and CIF are most commonly utilized. Other terms can be reviewed based on destination and logistics feasibility.

How is the export quotation calculated?

Quotations are custom-prepared based on prevailing mill raw material prices, packing mode, container stuffing geometry, and ocean freight rates to your discharge port.

Custom Queries: For specialized project tenders, bill of quantities (BOQ) review, or third-party inspection protocols, contact our export desk directly.

START YOUR INQUIRY

Have a Project Requirement?
Tell us what you need.

Submit your project details to our international export team. We review specifications, coordinate with accredited supply partners, and prepare comprehensive FOB or CIF export quotations.

PLEASE SHARE WITH YOUR ENQUIRY:

- Material & Product Category
- Required Grade or Standard
- Estimated Quantity (MT / FCL)
- Destination Country & Port
- Preferred Incoterm (FOB/CIF)
- Project Timeline / Target Schedule

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