



PRECAST UAE

# PRODUCT CATALOG

2026 EDITION

INFRASTRUCTURE • TRAFFIC SAFETY • CUSTOM CASTING

TRUSTED BY **RTA • DEWA • Dubai Municipality**



## Custom Casting Specialists

**Did you know?** 90% of our production is tailored to specific client requirements.

### Why Custom?

- ✓ Specific dimensions for site constraints
- ✓ Specialized reinforcement for heavy loads
- ✓ Unique aesthetic finishes or colors
- ✓ Integration of MEP or lifting systems

### Our Process

1. **Consultation:** Review of your drawings/BIM models.
2. **Fabrication:** In-house steel mold fabrication.
3. **Casting:** Controlled factory environment.
4. **Delivery:** Direct-to-site logistical planning.

### Have a Custom Requirement?

Use the template at the end of this catalog to send us your inquiry.

**Inquiries: [info@precisionprecast.ae](mailto:info@precisionprecast.ae)**

RTA-STANDARD JERSEY BARRIERS (3M)

Ref: JERSEY-BARRIER



RTA-Standard 3m Jersey Barriers (K-Rail) manufactured to **RTA G-01** specifications. Cast using high-strength **C40/50 reinforced concrete** for maximum durability in desert environments.

The sloped K-Rail profile is designed to redirect vehicles and minimize impact damage. Units include **Class 2 Prismatic reflectors** and an interlocking system for stable deployment in highway diversions and infrastructure protection.

**Our Take:** Standard requirement for RTA highway projects and high-speed corridor safety.

Base Width	<b>600mm</b>	Weight	<b>2400kg</b>
Reflectivity	<b>Class 2 Prismatic</b>	Concrete Strength	<b>50 MPa (C40/50)</b>

STANDARDS: **RTA G-01 / EN 1317 Certification**

**MASH-1 Crash Tested / ASTM C825**

DM-COMPLIANT HOARDING BLOCKS

Ref: HOARDING-BLOCK



**DM-Compliant Hoarding Blocks** designed for temporary site perimeters. Manufactured to **Dubai Municipality Local Order 44/1990**, providing stable counterweights for fencing against wind loads.

Available in various weights (up to 2500kg) to suit different hoarding heights. Precast concrete provides a reliable base that does not leak or degrade under UV exposure.

**Our Take:** Essential for site mobilization in Dubai to ensure perimeter stability and regulatory compliance.

Stability	<b>High Wind Load</b>	Handling	<b>Molded Lifting Lugs</b>
Base Width	<b>600mm</b>	Material	<b>Reinforced C30/37</b>

STANDARDS: **DM Local Order 44/1990**

**BS 8110 Structural Concrete**

UV-RESISTANT REINFORCED FENCE BASES

Ref: FENCE-BASE



**Reinforced Concrete Fence Bases** provide a stable, maintenance-free alternative to plastic units. Designed to withstand UAE UV exposure without degrading, these solid feet ensure the stability of mesh fencing in high-wind zones.

Features a universal cross-slot design for standard fence poles. These units are heavy-duty and suitable for multiple project deployments without the risk of cracking or brittleness associated with polymer alternatives.

**Our Take:** A cost-effective, durable solution for long-term site perimeter fencing.

Density	<b>2400 kg/m<sup>3</sup></b>	UV Resistance	<b>100% (Natural)</b>
Slot Type	<b>Universal Cross</b>	Maintenance	<b>Zero</b>

STANDARDS:

DM Safety Circular 192 / BS EN 1992

ASTM C138 Density Certified

HEAVY-DUTY PARKING WHEEL STOPPERS

Ref: WHEEL-STOPPER



**40MPa Reinforced Concrete Wheel Stoppers** for industrial and commercial parking. Fully compliant with **Dubai Building Code** and **DM-TS-TR-01**.

Reinforced with **T10 steel** for impact resistance. Features chamfered edges for tire protection and a smooth finish. Concrete stoppers offer superior longevity over rubber alternatives in the UAE climate.

**Our Take:** Recommended for heavy-duty parking zones and commercial projects requiring long-term durability.

Height	<b>120mm (Max)</b>	Width	<b>200mm (Min)</b>
Reinforcement	<b>T10 Deformed Steel</b>	Concrete Grade	<b>K400 / 40MPa</b>

STANDARDS:

DM-TS-TR-01 / Dubai Building Code

Trakhees Regulation 202 / ISO 9001

REINFORCED HVAC EQUIPMENT PADS

Ref: AC-SLAB



**Reinforced Concrete HVAC Equipment Pads** for residential and industrial MEP units. Designed to elevate equipment above ground moisture and sand while providing a stable, level surface.

Manufactured using high-density concrete and **Steel Mesh G60 reinforcement**. These pads help manage vibration harmonics and protect building structures from compressor-induced fatigue. Smooth level finish for easy mounting.

**Our Take:** Correct pad leveling is essential for the structural stability and efficiency of outdoor HVAC units.

Vibration Control	<b>Integrated Dampening</b>	Exposure Class	<b>F1 (Moisture/Sand)</b>
Reinforcement	<b>Steel Mesh G60</b>	Profile	<b>Level Trowel Finish</b>

**STANDARDS:** ASTM C90 Structural Standard ISO 14001 Environmental

RTA-TYPE LIGHT POLE FOUNDATIONS

Ref: LIGHT-FOOTING



Our **RTA-Type Light Pole Foundations** are the preferred choice for rapid infrastructure mobilization in residential and commercial developments. Engineered specifically for **RTA Type 1 & Type 2** conical poles, these foundations feature pre-installed, high-tensile anchor bolt cages and dedicated earthing channels for immediate electrical integration.

By using our pre-cast units, contractors can achieve zero-tolerance vertical alignment, which is critical for the visual symmetry and structural stability of high-mast community lighting. The factory-cured concrete ensures maximum durability against soil-borne sulfates, outperforming on-site cast foundations.

**Our Take:** Eliminating on-site shuttering and curing cycles allows for immediate pole installation, accelerating project handover timelines for master-planned communities.

RTA Type	<b>Type 1 / Type 2</b>	Anchor Cage	<b>Pre-Installed</b>
Earthing	<b>Built-in Channel</b>	Install Speed	<b>Immediate Load</b>

**STANDARDS:** RTA Standard Drawing (Poles) BS EN 40-3-1 / ISO 9001

### DEWA-STANDARD CABLE ROUTE MARKERS

Ref: CABLE-MARKER



**DEWA-Standard Cable Route Markers** for 132kV and 400kV transmission corridors. Precision-cast units designed for identifying underground utility services and preventing accidental damage.

Features recessed bilingual text (English/Arabic) and sun-resistant reflective paint for visibility in all terrains. Manufactured using **Sulphate Resisting Cement** for durability against ground chemicals.

**Our Take:** Essential for permanent utility identification and safety during future site excavations.

Placement	<b>10m-50m Intervals</b>	Text Style	<b>Bilingual Recessed</b>
Visibility	<b>Sun-Resistant White</b>	Material	<b>Sulphate Resisting Conc.</b>

**STANDARDS:**

**DEWA TR-202 Corridor Standard**

**Dubai Infrastructure Standard V2**

### DCL-CERTIFIED HYDRAULIC PAVING SLABS

Ref: PAVING-SLAB



**DCL-Certified Hydraulic Paving Slabs** for urban walkways and roof protection. Manufactured to **DMS 1: Part 4** standards with a focus on high density and durability.

Verified by **Dubai Central Laboratory (DCL)**, these slabs feature low water absorption (<5%) and high compressive strength (min 35MPa). Suitable for harsh coastal environments and high-traffic public zones.

**Our Take:** Superior durability and absorption characteristics compared to standard precast slabs.

Core Strength	<b>35 MPa (Min)</b>	Water Absorption	<b>Below 5%</b>
Asbestos	<b>100% Free</b>		

**STANDARDS:**

**DMS 1 Part 4: 2020**

**DCL-DMS-1 Verified**

RTA-APPROVED WATER-FILLED BARRIERS

Ref: PLASTIC-BARRIER



**RTA-Approved Water-Filled Plastic Barriers** for rapid traffic management and delineation. Manufactured from UV-stabilized HDPE to withstand high temperatures without degrading.

Compliant with the **RTA Traffic Diversion Manual**, these barriers feature a secure interlocking design and a lightweight profile for easy deployment and manual handling.

**Our Take:** Reliable, easy-to-deploy safety barriers for urban roadworks and temporary traffic control.

Material	UV-Stabilized HDPE	Ballast	Water / Sand Fill
Interlock	Pins & Lugs	Temp. Rating	Up to 55°C

STANDARDS: RTA Traffic Diversion Manual

BS EN 1317-2 (T3/W5/A)

HIGH-INTENSITY PVC TRAFFIC CONES

Ref: TRAFFIC-CONE



**High-Intensity PVC Traffic Cones** for road safety and site delineation. Fitted with **Class 2 Prismatic reflective sleeves** to meet **RTA safety standards** for night-time visibility.

Features a weighted base for stability in high-traffic zones. The durable PVC body is flexible and crush-resistant, designed for the heavy workloads of UAE construction projects.

**Our Take:** Essential for site mobilization and nighttime roadworks safety compliance.

Sleeve	Prismatic Class 2	Base	Weighted Recycled Rubber
Visibility	High-Intensity Night	Flexibility	Crush-Resistant PVC

STANDARDS: BS EN 13422 / RTA Safety Std

Class 2 Reflective Certified

INFRASTRUCTURE RELOCATION SERVICES

Ref: RELOCATION



**Infrastructure Relocation Services** for site assets including barriers and fencing. We provide crane-equipped transportation and experienced teams to relocate precast elements as project requirements change.

Ensures safe handling and compliant transport of heavy assets. Our relocation service helps maintain the integrity of your precast elements throughout multiple site mobilizations.

**Our Take:** A practical service for contractors looking to maximize asset reuse across different project phases.

Fleet	<b>Crane-Equipped HLVs</b>	Personnel	<b>Certified Riggers</b>
Support	<b>Inter-Site Mobilization</b>		

**STANDARDS:** RTA Heavy Transport Permit

LOLER Safety Certified

STRATEGIC BULK LOGISTICS

Ref: BULK-LOGISTICS



**Strategic Bulk Logistics** for high-volume infrastructure supply. We utilize 40ft flatbed trailer convoys to provide a reliable supply chain for large-scale projects across the UAE and GCC.

All operations are monitored and adhere to safety standards, ensuring efficient delivery of heavy precast elements. Our fleet capacity supports project-scale requirements with consistent scheduling.

**Our Take:** Focused on providing the logistical support needed for large-scale construction timelines.

Transport	<b>40ft Flatbed Convoys</b>	Capacity	<b>Project-Scale Bulk</b>
Reach	<b>GCC &amp; Intra-Emirate</b>		

**STANDARDS:** Ministry of Infra HGV Permit

ISO 39001 Road Traffic Safety

CONSOLIDATED SITE-PACK DELIVERY

Ref: CONSOLIDATED-DELIVERY



**Consolidated Site-Pack Delivery** for small to mid-scale project requirements. We combine different precast assets into a single delivery, reducing transport costs and site mobilization footprints.

An efficient solution for contractors to secure site perimeter and parking assets in a single mobilization. Reduces the complexity and overhead associated with multiple small-batch deliveries.

**Our Take:** A practical logistical choice for smaller urban or residential projects.

Efficiency	Single-Run Load	Carbon savings	Consolidated Transit
Cost Saving	Reduced HVT Fees		

STANDARDS:

Green Logistics Protocol

ISO 9001 Quality Supply chain

## Request for Proposal (RFP) Template

Please copy and email this information to [sales@precastuae.ae](mailto:sales@precastuae.ae) or attach to your Whatsapp inquiry.

Project Name / Ref	
Contact Person	
Product Type	(e.g., Barrier, Base, Slabs...)
Dimensions (LxWxH)	
Quantity Required	
Delivery Location	
Special Requirements	(e.g., Specific concrete grade, exposure class, lifting points, drawings attached...)

**Ready to proceed?**

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