

Flooring Kota Stone Industrial

India's Most Durable Industrial Floor Material

APPLICATION GUIDE

*70+ MPa strength. R12 slip resistance. Chemical resistant. Frost stable.
No replacement cycle. Kota Stone industrial flooring lasts the entire
lifetime of the building.*

ISO 9001:2015 Certified

Grade A Quality

Direct from Quarry

Custom Sizing

Pan-India Delivery

Export Quality

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OVERVIEW

Industrial-Grade Kota Stone — Proven for Over a Century in Indian Facilities

Industrial flooring is subjected to conditions that rapidly destroy most materials — heavy dynamic machinery loads, fork truck impact, chemical spills, temperature extremes from -30°C cold stores to 200°C+ process environments, constant surface abrasion from wheeled traffic, and aggressive cleaning regimes. Kota Stone, with its exceptional 70+ MPa compressive strength and extremely low porosity, has been the flooring material of choice for Indian industrial facilities for well over a century.

Unlike epoxy floor coatings that chip, delaminate, and require full replacement every 5–7 years, or concrete floors that surface-dust, crack, and harbour contamination in surface pores, Kota Stone industrial flooring maintains its complete structural integrity and surface quality indefinitely under continuous heavy industrial use. There is no coating to fail, no surface layer to degrade — the stone is the floor, all the way through.

Available in 25–30 mm heavy-duty thickness with natural or flamed finish for maximum R12 slip resistance, Kota Stone is the only industrial flooring solution that combines proven structural performance with absolute zero maintenance cost throughout the building's operational life.

70+ MPa Compressive Strength	R12 Industrial Slip Rating	Zero Replacement Cycle	Lifetime Service Duration
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KEY ADVANTAGES

Why Kota Stone Outperforms Alternatives

■ Extreme Load Bearing Capacity

30 mm Kota Stone on 100 mm RCC substrate safely withstands forklift dynamic loads, heavy machinery point loads, and stacked pallet storage — with no cracking or surface distress.

■ R12 Industrial Slip Safety

Natural and flamed finish provide R12 slip resistance — critical for mandatory worker safety compliance in wet process areas, chemical facilities, and food processing environments.

■ Broad Chemical Resistance

Resistant to dilute acids, alkalis, oils, greases, diesel, industrial solvents, and most chemical compounds encountered in manufacturing, processing, and storage facility environments.

◆ Industrial Cleaning Compatible

Can be pressure washed, steam cleaned, scrubbed with industrial detergents, and hosed down repeatedly without any surface degradation — unlike epoxy or polyurethane coated floors.

▲ No Replacement Cycle

Epoxy coatings require complete strip-and-recoat every 5–7 years (major operational disruption and cost). A correctly installed Kota Stone floor requires no rehabilitation for the building's life.

■ Cold Storage Compatible

Frost-resistant to Class F4, Kota Stone performs in freeze-thaw cycling conditions inside cold storage facilities and refrigerated warehouses where thermal shock destroys most flooring materials.

TECHNICAL SPECIFICATIONS

Product Selection Guide

Specification	Standard Industrial	Heavy-Duty Industrial
Stone Thickness	25 mm	30–40 mm
RCC Substrate	100 mm M25	150 mm M30
Compressive Strength	≥ 70 MPa	≥ 70 MPa
Recommended Finish	Natural	Natural or Flamed
Slip Resistance	R11–R12	R12
Chemical Resistance	Good to Excellent	Excellent
Frost/Cold Store	Class F4 — Yes	Class F4 — Yes
Joint Fill	Epoxy Mortar	Epoxy Mortar (Flexible)
Maintenance Required	Hose down only	Hose down only

PROJECT TYPES

Where We Supply

■ Manufacturing Factories

Automobile, textile, pharmaceutical, FMCG, and engineering manufacturing plant primary floor areas — where heavy machinery, fork truck traffic, and chemical exposure demand the best.

■ Warehouses & Logistics Centres

Storage and distribution centre floors where continuous forklift traffic, heavy pallet rack loads, and large vehicle movements require structural floor slabs that never need rehabilitation.

■ Cold Storage & Refrigeration

Frost-resistant Kota Stone withstands the freeze-thaw thermal cycling inside refrigerated warehouses, cold stores, and blast-freezing facilities where most floor materials fail.

◆ Food Processing Plants

Meets the hygiene and durability requirements for food processing environments — chemical resistant, easy to pressure wash and sanitise, and smooth enough for FSSC 22000 compliance.

▲ Chemical & Pharmaceutical Plants

Chemical resistance and structural durability make Kota Stone the industrial floor specification for chemical manufacturing process areas, pharmaceutical production, and laboratory facilities.

■ Government & Defence Infrastructure

Military facilities, government depots, ordnance warehouses, defence vehicle yards, and public infrastructure projects where proven long-term performance and zero maintenance are mandatory.

GET STARTED

Request Samples - Get a Quote

Get a competitive bulk quotation for industrial Kota Stone flooring for your facility. We supply and deliver pan-India with complete technical documentation including IS test certificates, installation specifications, and quality assurance documentation for large-scale industrial projects.

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Location