



Corniche Silica Fume
Building Structures That Last a Lifetime



Innovative. Sustainable.
Trusted by Industry Leaders.

Innovative Concrete For The Modern World

Corniche Silica Fume is revolutionizing construction with high-performance additives that enhance concrete's strength, durability and resistance. Whether it's a skyscraper reaching for the clouds or a bridge enduring the elements, Corniche ensures every structure is built to last.

As a product of Kvalitet Resources LLP, Corniche benefits from decades of expertise and ISO-certified quality. Our silica fume strengthens concrete against sulfates, chlorides and weathering, enabling structures to stand resilient for generations.



CORNICHE-ENHANCED CONCRETE

WEATHERED CONCRETE

Why Choose Corniche Silica Fume?



UNMATCHED STRENGTH & DURABILITY

Protects against corrosive agents, ensuring decades of resilience.



ECO-FRIENDLY MANUFACTURING

A sustainable by product process that reduces waste and emissions.



PROVEN TRACK RECORD

Trusted in iconic projects like Mumbai Ahmedabad Bullet Train project and PAN India metro rail projects.

Real-World Applications of Corniche Silica Fume.



- **High-Rise Buildings:** Enhanced fire resistance and seismic strength.
- **Bridges & Tunnels:** Superior corrosion and weathering protection.
- **Underwater Concrete:** Long-lasting durability against seawater erosion.
- **Infrastructure Projects:** Sustainable roads, dams and water facilities.

Precision In Every Particle

Key Specifications:

Parameter	ASTM C-1240	IS 15388	Corniche SF
SiO ₂ (%)	≥ 85	≥ 85	> 87
Loss on Ignition (%)	≤ 5	≤ 4	< 3.5
Moisture (%)	≤ 3	≤ 3	< 2
Bulk Density (kg/m ³)	550-700	550-700	570-650
Specific Surface Area (m ² /gm)	> 15	> 15	> 18
Acc Pozz Activity Index (%)	>110	>85	>115
Total Alkalies (Na ₂ O + K ₂ O as Na ₂ O equivalent) (%)		<1.5	<1.0

- Specifications:**

High SiO₂ content, low moisture and bulk density, optimized for superior performance.

- Packaging Options:**

25kg Bags

750kg/1000kg Jumbo Bags for bulk needs.

Also available in loose bulk supply transported in bulker for large size projects at selected locations.

- Shelf Life:**

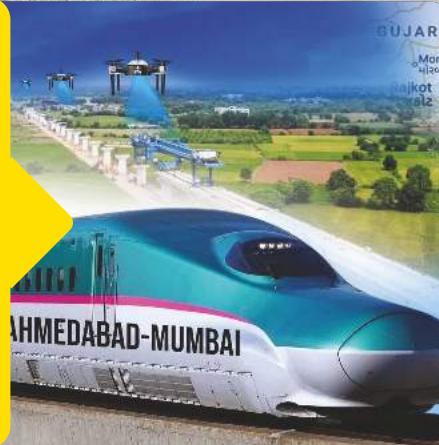
24 months under ideal storage conditions.



Corniche in ACTION

Mumbai-Ahemdabad Bullet Train project

Corniche's Silica Fume fortifies the underground tunnels and super-structures for the Mumbai-Ahmedabad Bullet Train, ensuring a robust and secure path for India's high-speed rail future.



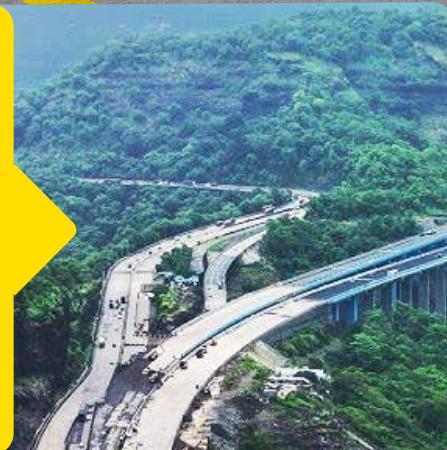
Delhi Metro

Our premium Silica Fume bolsters the Delhi Metro Bridges, ensuring durability and strength for a modern reliable infrastructure.



Mumbai-Pune Expressway Missing Link

Our advanced Silica Fume enhances the strength and longevity of the Mumbai-Pune Missing Link Expressway Tunnel ensuring a safer and more durable connection.



CASE STUDIES

TESTIMONIALS

“

We have used Corniche microsilica in high strength concrete of grade M60 and above at various project sites. The micro silica is consistent in quality and performance is very good.

”



LS Kannan

Advisor, concrete technology L&T construction

“

J. Kumar Infraprojects has successfully implemented Corniche Silica Fume-based concrete solutions in various challenging projects, including metro lines and bridges across India. The company has also utilized this technology in ultra high-performance concrete for defense projects, highlighting the versatility and durability of Corniche Fume.

”



Yusuf Inamdar CEO

J. Kumar Defence and Aerospace Pvt Limited

“

Corniche Silica Fume is an innovative, high-performance concrete additive that enhances durability, strength and sustainability. Its versatility makes it suitable for various applications, from bridges and metros to defense projects. As a cost-effective and eco-conscious solution, Corniche Silica Fume is a reliable choice for modern construction, ensuring the longevity and quality of infrastructure.

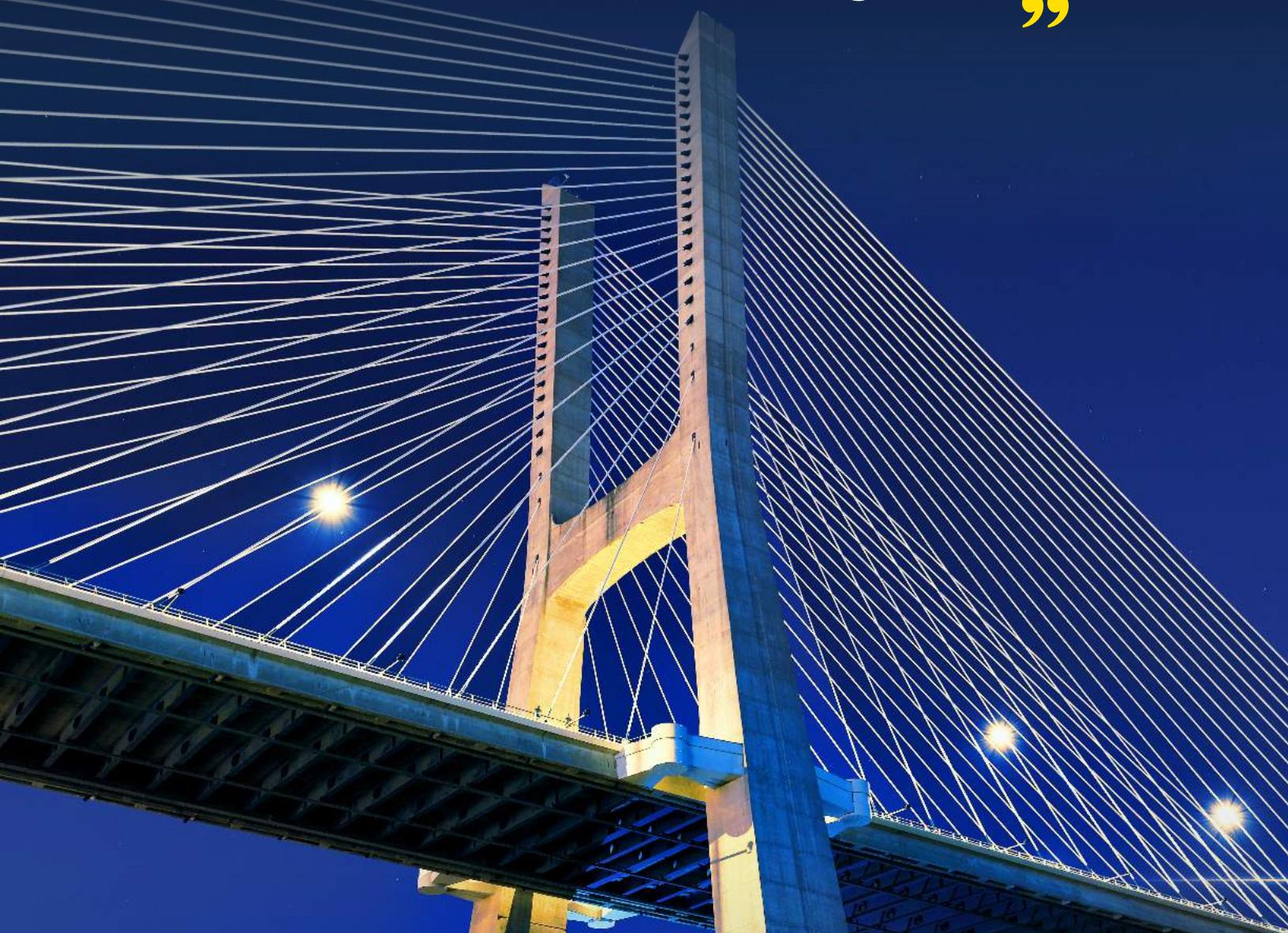
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Ranjan Kumar Mishra

Project Controller / Afcons Infrastructure Ltd.
Mumbai Pune Expressway missing link project.

“ Let's Build The Future Together. ”



FEW OF OUR ESTEEMED CLIENTS



JSW CONCRETE

**UltraTech
CEMENT**
The Engineer's Choice

**OBEROI
REALTY**

Afcons

NCC

HGIEL
We Make People Move...

J. Kumar

NUVOCO®
Shaping a new world

**PRISM
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Complete Concrete Solutions

KEC
KEC INTERNATIONAL LIMITED

Prem Bhavan Building, Suit No. 10/3rd Floor, 234/236 Narshinatha St,
Above ICICI Bank, Masjid Bunder (W), Mumbai - 400 009
022-2340 8888 | 8655948790/91 | sales@kvalitetresources.com
Warehouses : Pan India



www.corniche.in