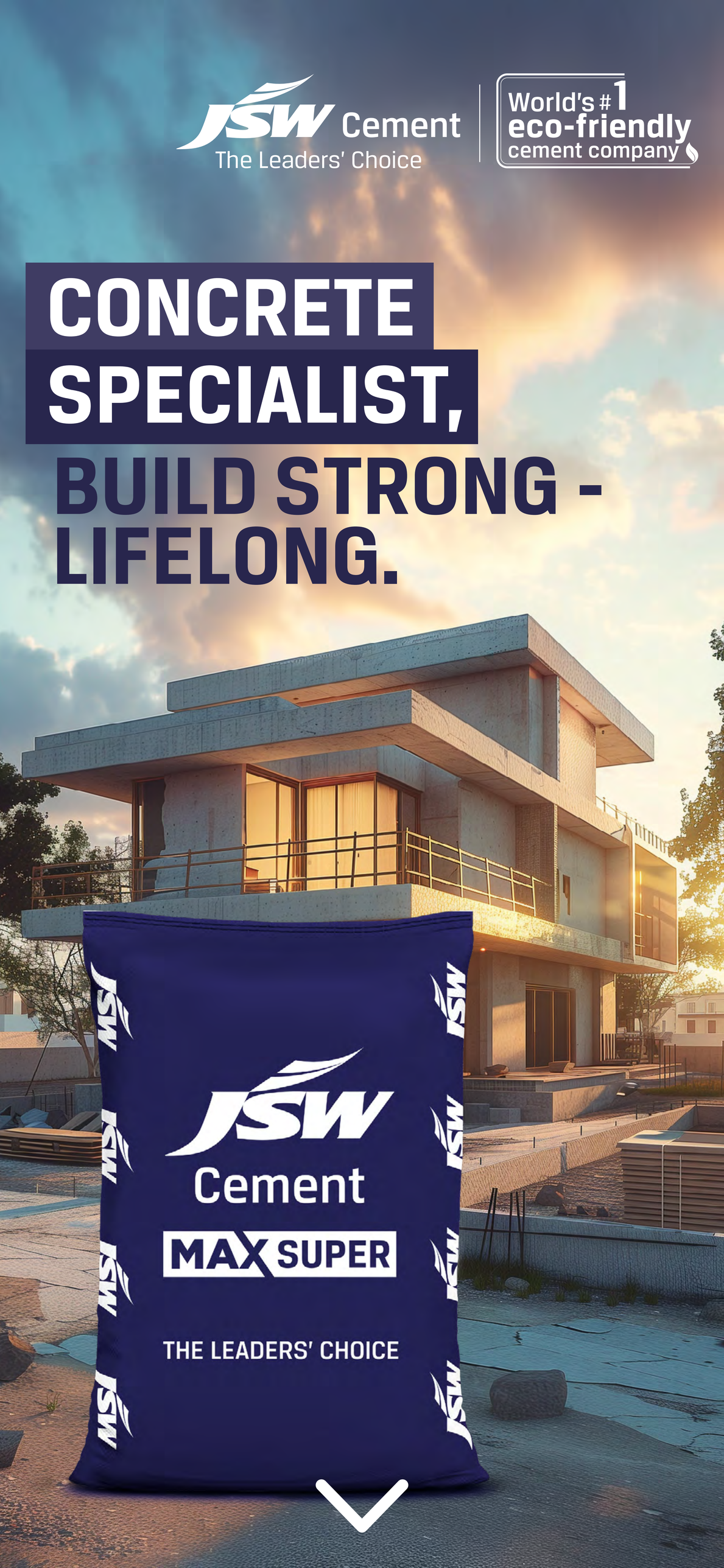
JSW Cement
The Leaders' Choice

World's #1 eco-friendly cement company

CONCRETE SPECIALIST,

BUILD STRONG - LIFELONG.



MaxSuper Smart brochure

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What is Portland Pozzolana Cement?

Portland Pozzolana Cement (PPC) is a high-quality cement created by inter-grinding clinker, fly ash with reactive silica, and pure gypsum. The fly ash, a by-product from coal-fired power plants, reacts with lime during hydration, forming additional cementitious materials that boost the strength and durability of concrete. PPC is produced by blending finely ground fly ash with Ordinary Portland Cement resulting in a cement that offers enhanced quality parameters. It is tailored to meet the diverse needs of modern construction with superior performance and sustainability.

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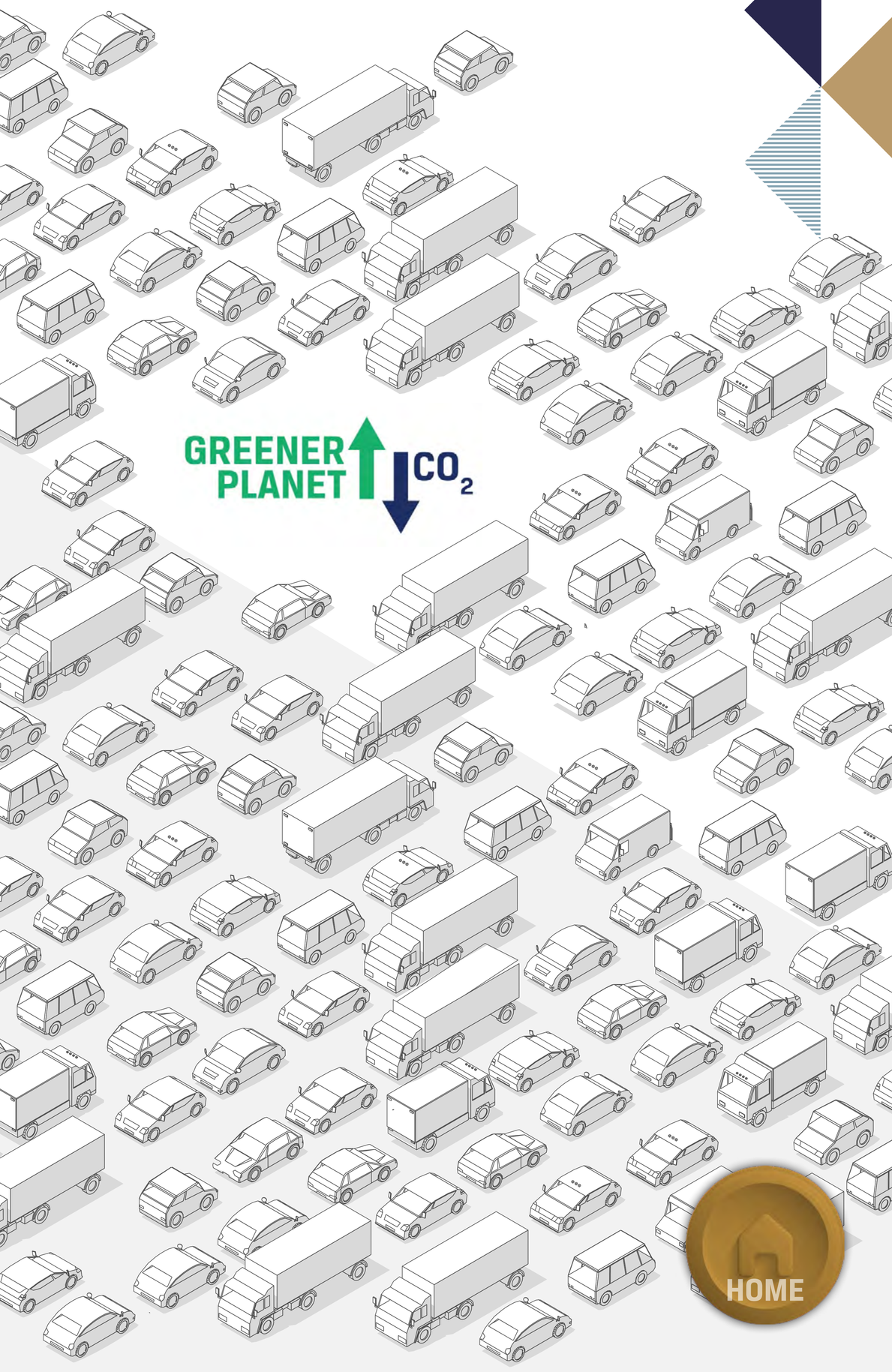
While Manufacturing
1 Tonne of JSW MAXSUPER,

We Save
250 KGS OF CO_2

250 kgs of CO2 is equivalent to
emissions from a car driving for 1000 kms*



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7 STAR ADVANTAGE

with the ultimate
concrete expert

Superior Strength

Improved Cohesion

Quick Setting

Better Coverage

Increased Durability

Chemical Attack Resistant

ECO

Green Product

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Why Choose MaxSuper?

Superior Strength

MaxSuper's unique composition enhances the overall strength of concrete, making it perfect for robust and durable structures

Quick Setting

MaxSuper sets faster, allowing for quicker project completion and reducing construction time

Improved Cohesion

The fine particles in MaxSuper ensure a smoother mix, providing better bonding and reducing the chances of cracks

Better Coverage

With MaxSuper, you get more spread per bag, optimizing material use and ensuring cost-effective-ness

Eco-Friendly

Using fly ash, a by-product of thermal power plants, not only reduces industrial waste but also lowers the carbon footprint of construction projects, promoting sustainable construction practices

Chemical Resistance

MaxSuper provides superior resistance to chemicals, safeguarding structures in harsh environments, including coastal areas

Increased Durability

MaxSuper's pozzolanic reaction creates a denser concrete, protecting against weathering and extending the lifespan of structures

Unmatched Performance Across our Product Range

PROPERTY	PPC (MaxSuper)	OPC	PSC
	Concrete specialist- Build Strong ,lifelong	Faster Setting, faster construction	Longest life
Superior or improved Cohesion	★★★★★	★★☆☆☆	★★☆☆☆
Better Coverage	★★★★★	★★☆☆☆	★★☆☆☆
High Initial Strength	★★★★☆	★★★★★	☆☆☆☆☆
High Final Strength	★★★★☆	★★☆☆☆	★★★★★
Quick Setting	★★★★☆	★★★★★	☆☆☆☆☆
Chemical Resistant	★★☆☆☆	☆☆☆☆☆	★★★★★
Increased Durability	★★☆☆☆	☆☆☆☆☆	★★★★★
Green Product	★★☆☆☆	☆☆☆☆☆	★★★★★

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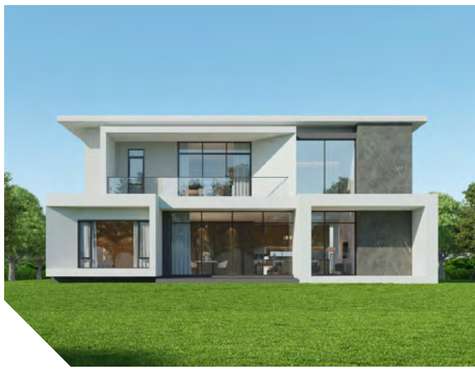
Applications of MaxSuper

MaxSuper is a versatile cement suitable for all types of construction work, including Reinforced Cement Concrete (RCC), Plain Cement Concrete (PCC), masonry, and plastering. It is ideal for diverse applications, from residential buildings to large infrastructure projects.

Residential Buildings

- MaxSuper's excellent workability and smooth finish make it perfect for housing projects, ensuring easy application and a visually appealing result.
- The fine particles in MaxSuper provide a smoother texture and better bonding, enhancing the look of your home while offering long-lasting strength that minimizes maintenance needs.



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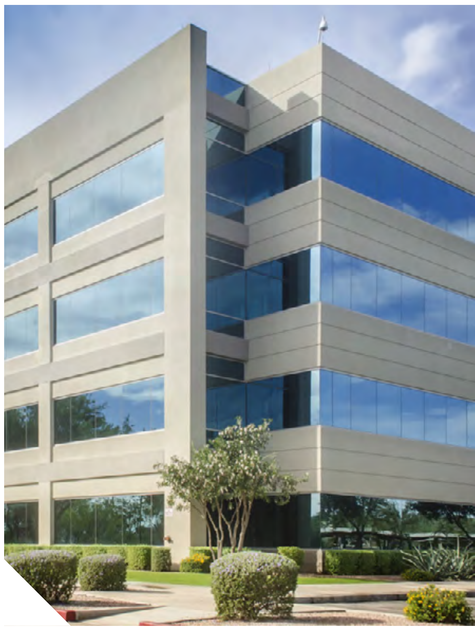
Applications of MaxSuper

Commercial Structures

- MaxSuper offers superior compressive strength, ensuring that commercial structures can withstand heavy loads and stresses over time.
- The consistent quality of MaxSuper ensures uniformity in construction, providing a stable and dependable foundation for businesses, and reducing the likelihood of structural issues.



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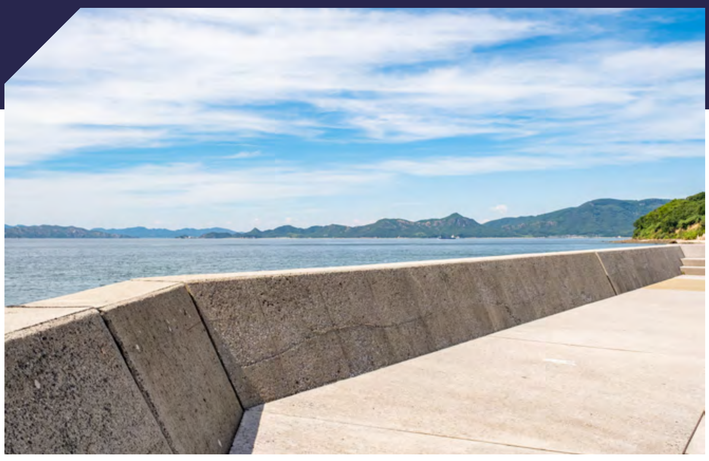
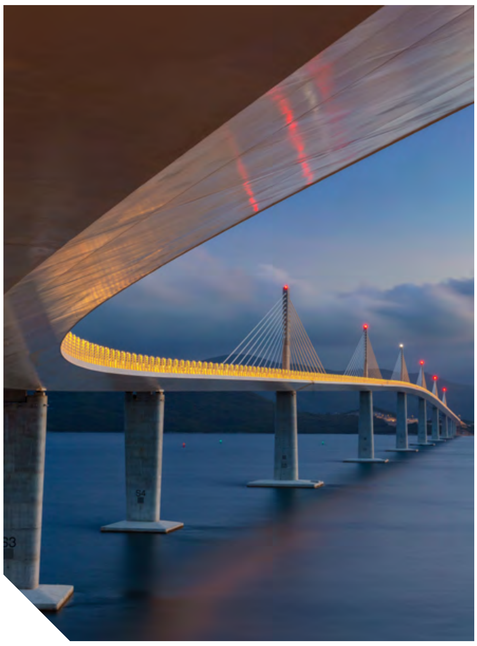
Applications of MaxSuper

Marine Constructions

- Marine constructions face constant exposure to seawater, which can be highly corrosive. MaxSuper's dense microstructure and chemical composition provide superior resistance to chloride and sulfate attacks.
- The additional calcium silicate hydrate (C-S-H) formed during the pozzolanic reaction strengthens the concrete and creates a barrier against moisture and salts, ensuring structures like piers, docks, and seawalls remain robust and durable over time.

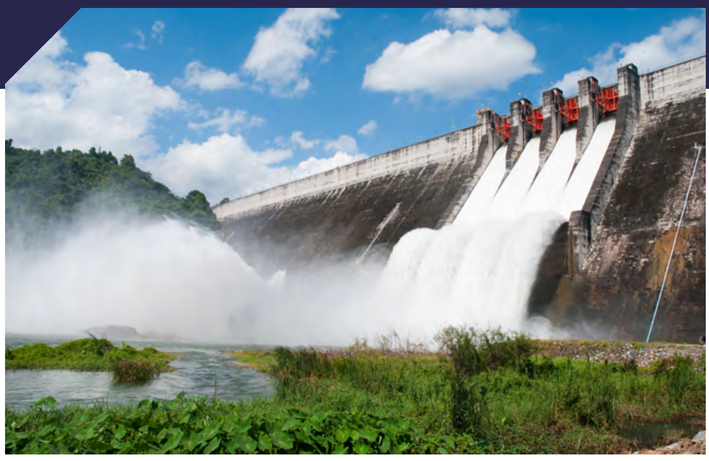


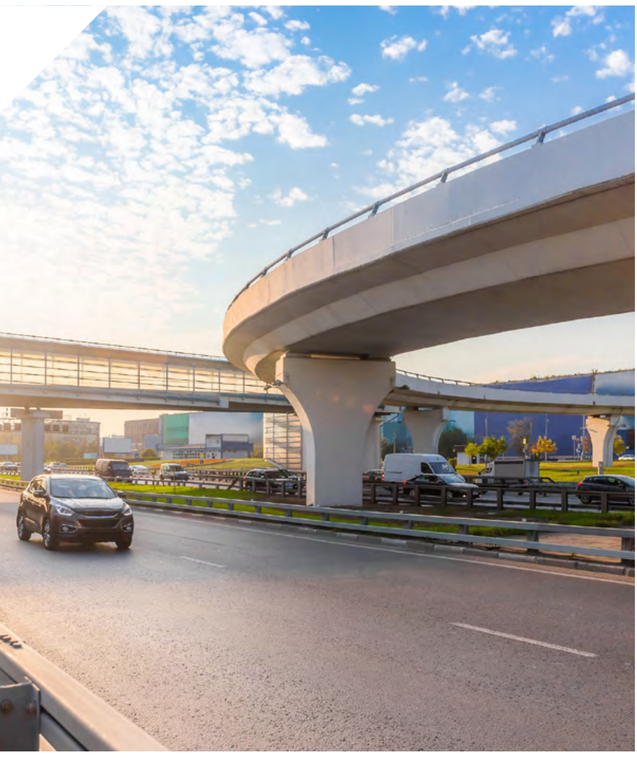


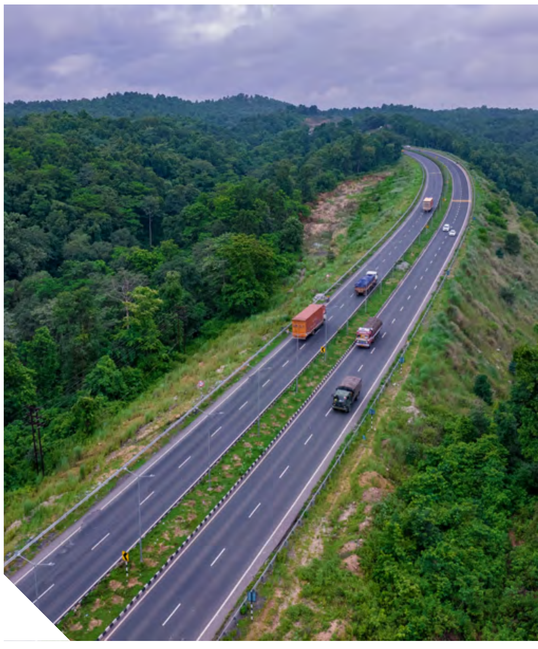
Applications of MaxSuper

Infrastructure Projects

- Bridges, dams, and highways require materials that can perform under extreme conditions. MaxSuper's high strength and durability make it ideal for such demanding applications.
- MaxSuper's enhanced resistance to thermal cracking and chemical attacks ensures the longevity and safety of critical infrastructure, reducing the need for frequent repairs and ensuring public safety.







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