





About the Product

A building façade is the first and most lasting expression of its identity. Understanding this significance, ONYX White Facing Brick has been developed as a modern, authentic, and engineered solution for both exterior façades and interior architectural applications.

The key advantage that distinguishes this product in the market lies in its fully integrated supply chain. The raw materials used in the production of these bricks are extracted directly from the company's dedicated quarry. This direct ownership enables strict control over the purity and consistency of the clay, resulting in a product with superior whiteness and greater color uniformity compared to similar alternatives, while maintaining its visual quality over time.

Recognizing the subtle importance of light and color in architecture, ONYX White Facing Brick is available in five distinct shades of white. This carefully developed color spectrum allows architects, designers, and builders to select the most appropriate tone based on regional climate conditions, natural light exposure, and architectural style—ranging from minimalist and contemporary designs to classical and mixed-style projects.

Beyond its aesthetic appeal, the product offers excellent durability against environmental conditions thanks to its standardized firing process and the authenticity of its raw materials. As a result, it serves as an efficient, economical, and sustainable choice for long-lasting architectural projects.



Technical Specifications & Features

White Facing Brick

The durability and long-term performance of a façade depend on the engineering characteristics and structural quality of its materials. In addition to its distinctive aesthetic qualities, ONYX White Facing Brick delivers outstanding technical performance through the use of unique, high-quality raw materials sourced under strict quality control.

Designed to meet demanding architectural and construction requirements, this product combines visual excellence with superior technical standards, ensuring reliable performance, lasting durability, and consistent quality throughout its service life.

PHYSICAL & DIMENSIONAL SPECIFICATIONS

SPECIFICATION	VALUE
BRICK DIMENSIONS	330 × 70 mm
THICKNESS	20 mm
QUANTITY PER m ²	37 pcs
UNIT WEIGHT	820 g
GEOMETRIC PROPORTIONS	Suitable for various installation patterns in both modern and classical façades
EXECUTION ADVANTAGE	Facilitates project planning, estimation, and material calculation for contractors
STRUCTURAL ADVANTAGE	Reduces the building's dead load due to its optimized weight
INSTALLATION ADVANTAGE	Enhances safety and increases installation speed during brick fixing and anchoring

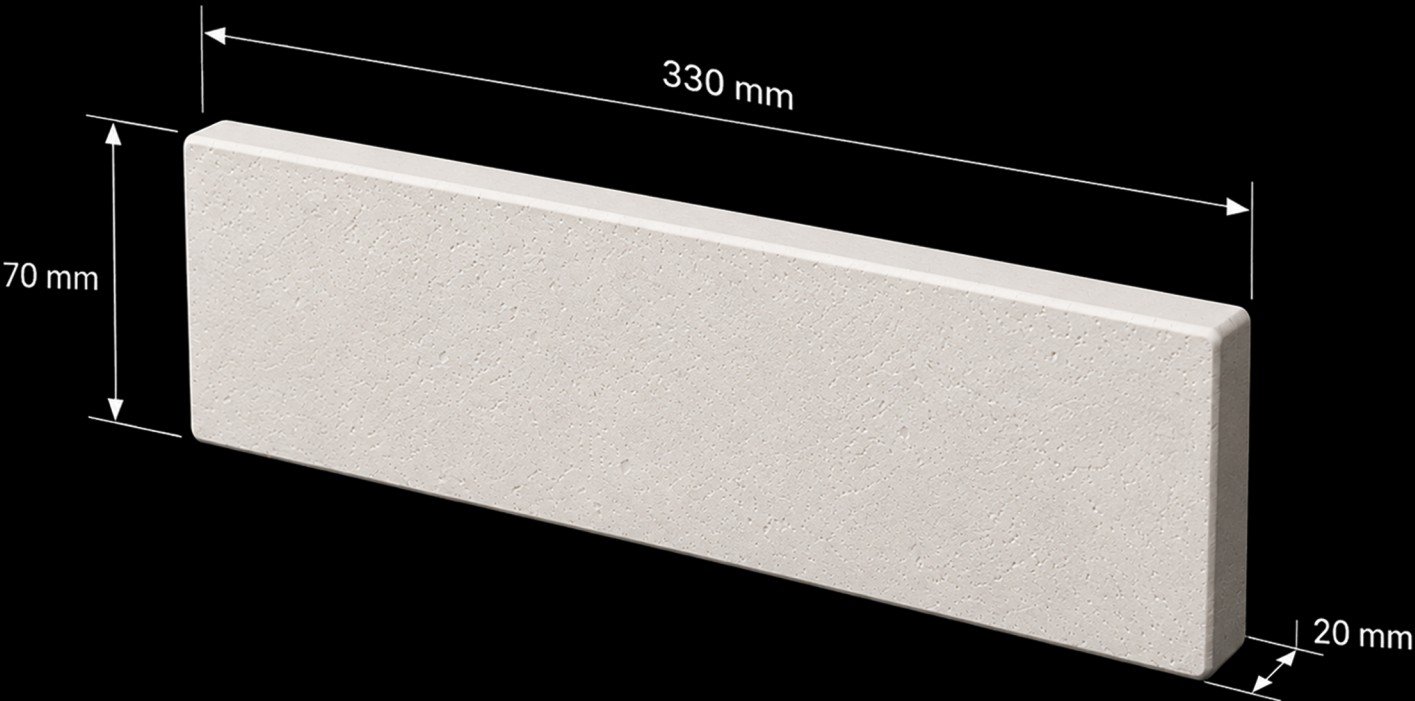
The kaolin used in ONYX white refractory brick products is sourced directly from the company's exclusive quarry and undergoes comprehensive processing and quality control before being utilized in production.

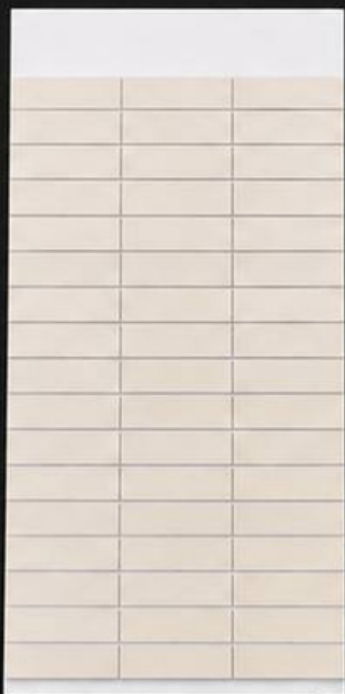
Its optimal alumina content enhances both thermal resistance and structural strength, while the silica present in the material plays a vital role in dimensional stability and firing performance. In addition, the exceptionally low iron oxide content ensures outstanding whiteness and excellent color uniformity in the finished product.

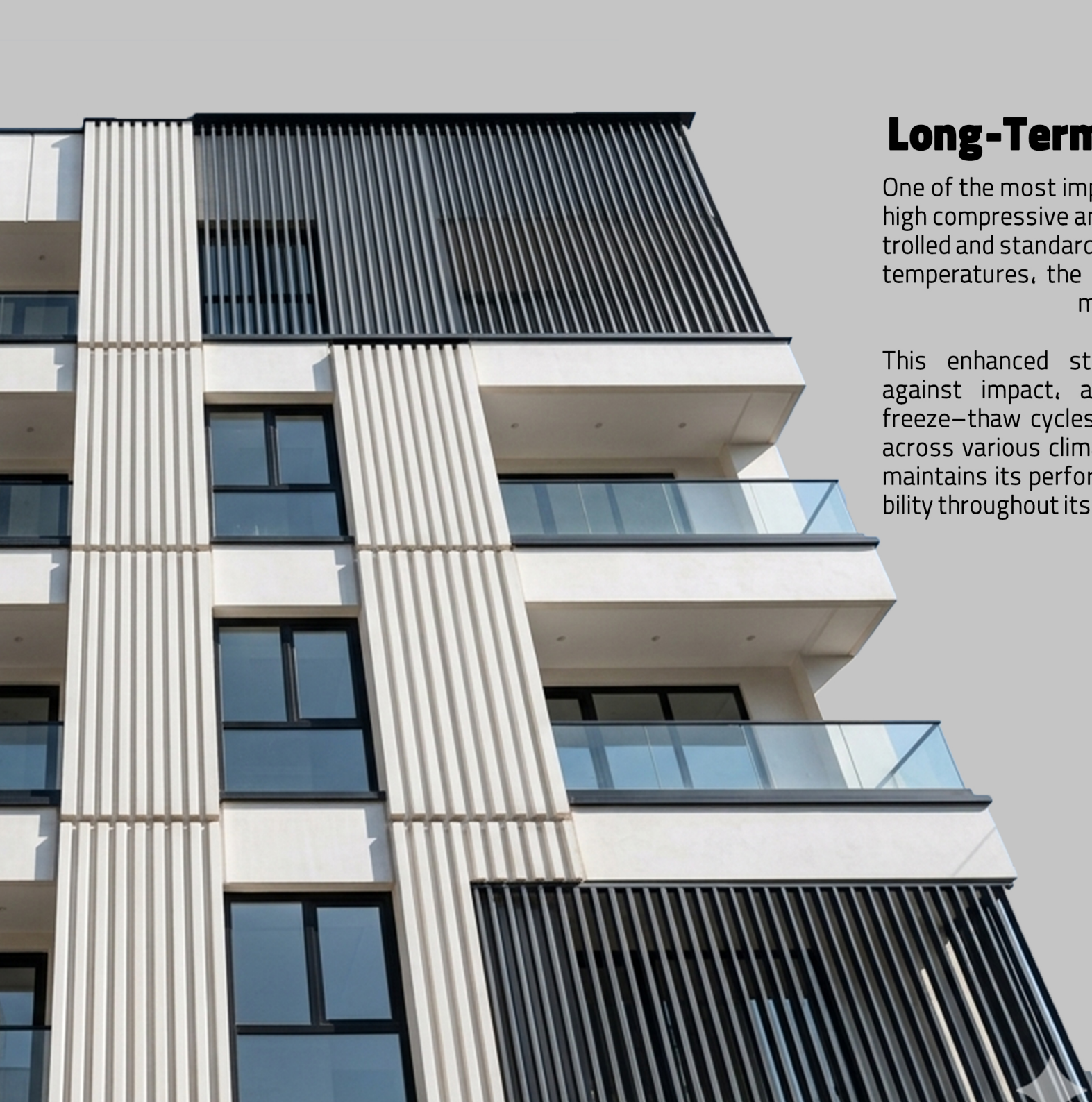
These characteristics, combined with the advantages of a dedicated raw material source, provide consistent quality, reliable performance, and superior durability in the company's white refractory brick products.



Analytical Parameter	ONYX Raw Kaolin	Scientific & Industrial Impact
Alumina (Al ₂ O ₃)	21.63%-28.07%	Increases thermal resistance and structural strength
Silica (SiO ₂)	57.25%-67.59%	Controls firing shrinkage and improves stability
Iron Oxide (Fe ₂ O ₃)	0.015%-1.00%	Ensures exceptional whiteness and brightness







Long-Term Structural Durability

One of the most important characteristics of this brick is its high compressive and flexural strength. Through a fully controlled and standardized firing process at precisely regulated temperatures, the internal structure of the brick achieves maximum density and structural integrity.

This enhanced strength provides excellent resistance against impact, abrasion, minor building settlements, freeze-thaw cycles, and sudden temperature fluctuations across various climatic conditions. As a result, the product maintains its performance, appearance, and structural stability throughout its service life.

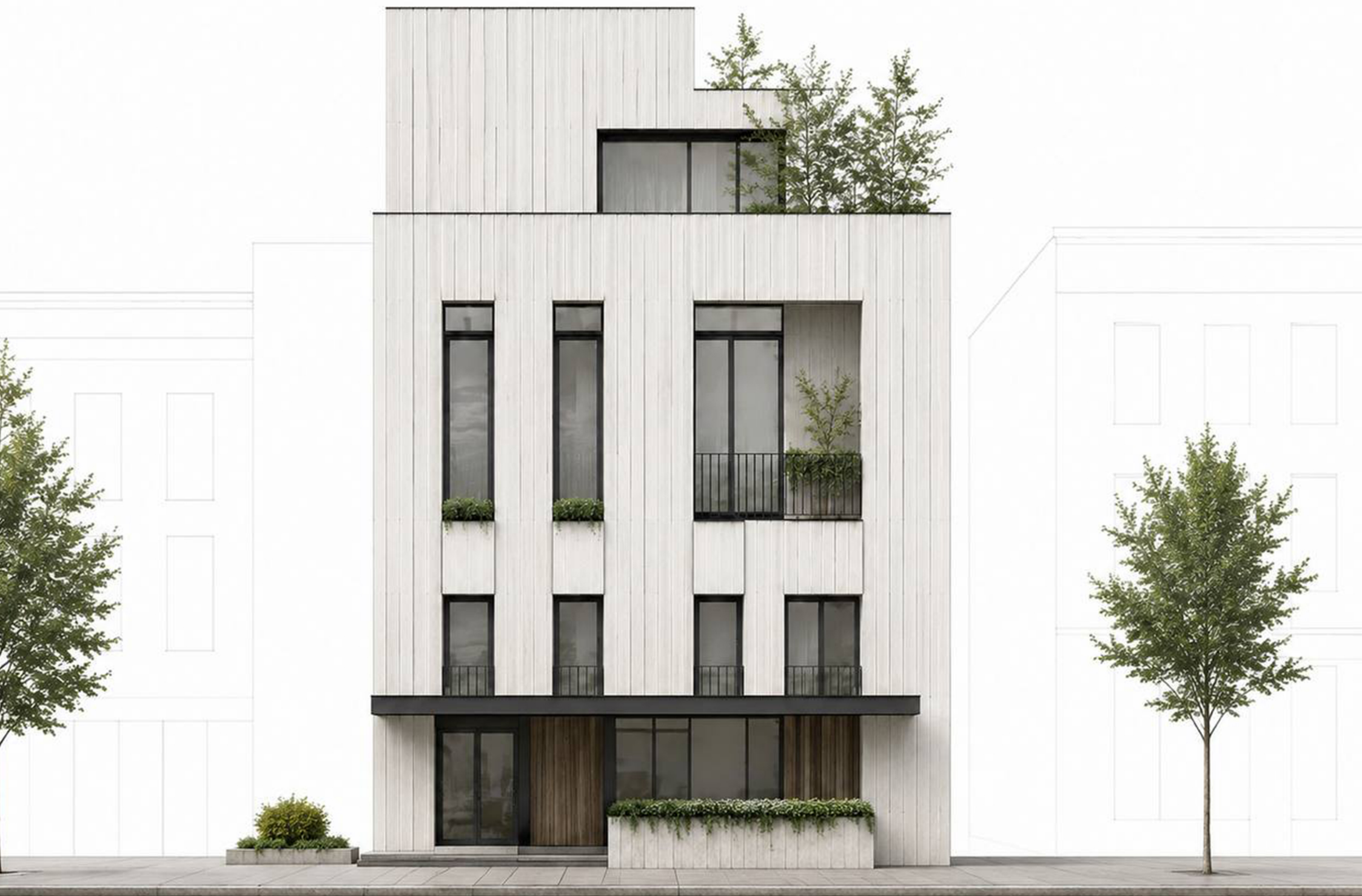


About ONYX Industrial & Mining Group

The Group's primary focus is the production of high-quality white refractory facing bricks, offering diverse designs and compliance with modern market standards. Thanks to their distinctive color, exceptional durability, and unique aesthetic appeal, these products have gained a prominent position in architectural projects and export markets.

Direct access to an exclusive kaolin quarry, combined with specialized production equipment and rigorous quality control procedures, enables ONYX to deliver products that meet the highest standards of quality, color consistency, and competitive pricing for both domestic and international markets.

In addition to refractory facing brick production, ONYX Clay Brick Factory operates as an integral part of the Group's manufacturing infrastructure, playing a significant role in the continued industrial growth and development of the ONYX brand.







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