



SANGESTAN AZARNOUSH

Quarries & Factories Complex



— DARE BUKHARI TRAVERTINE QUARRY



A Natural Treasure in the Heart of Iran

Iran, renowned as one of the world's richest countries in terms of mineral resources, boasts numerous high-quality building stone quarries. Among these, the Dare Bukhari Travertine Quarry, located in Mahallat County, Markazi Province, stands out as one of the oldest and most prestigious travertine quarries in Iran. With over 50 years of history, this quarry annually produces a significant volume of high-quality stone, supplying both domestic and international markets.

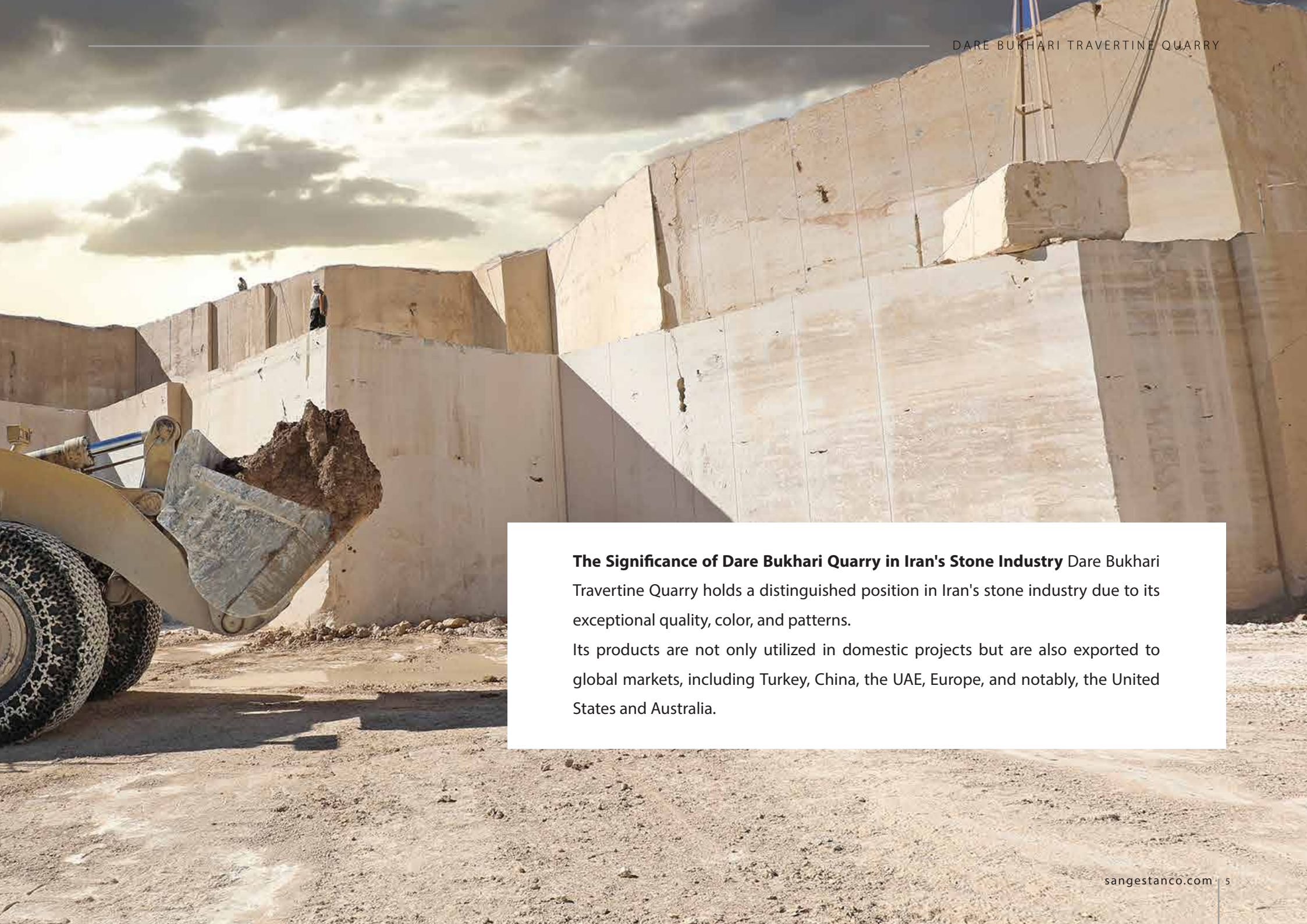
Geographical Location and History

The Dare Bukhari Travertine Quarry is situated in Markazi Province, Mahallat, near the Khomein Road. Due to its abundant reserves and the exceptional quality of its extracted stone, this quarry has long been a prominent destination for professionals in the stone industry. As part of the Sangestan mining complex, the Dare Bukhari Quarry has embraced advanced technologies, establishing itself as one of Iran's leading producers of building stone.



Extraction and Grading Process The stones extracted from Dare Bukhari Quarry are graded based on quality, color, vein and patterns.





The Significance of Dare Bukhari Quarry in Iran's Stone Industry Dare Bukhari Travertine Quarry holds a distinguished position in Iran's stone industry due to its exceptional quality, color, and patterns.

Its products are not only utilized in domestic projects but are also exported to global markets, including Turkey, China, the UAE, Europe, and notably, the United States and Australia.

— OUR FACTORY



Sangestan Factory

Established in 2010, Sangestan Factory aims to produce high-quality building stones.

As the largest stone factory in Iran, covering an area of over 125,000 square meters, has earned a prominent position in Iran's and the Middle East's stone industry.

Equipped and Modern Factory

The Sangestan Factory, featuring four processing lines including six advanced gangsaws, stands as one of the most well-equipped stone factories in Iran. With an impressive annual production capacity exceeding 1,500,000 square meters, the factory is capable of mass-producing stones in the shortest possible time.



Technology and Innovation

Sangestan utilizes advanced Italian machines, such as Breton, Barsanti, and shape mill to produce high-quality and durable products. Additionally, the company's skilled workforce enables the execution of complex and custom designs.



Commitment to Quality and Environment

Sangestan consistently emphasizes product quality and environmental preservation by adhering to international standards. The company has taken significant steps towards sustainable development by using innovative methods in building stone processing and waste reduction.

– SPECIALIZED PRODUCTION



Dare Bukhari Travertine, recognized as one of the most desirable Iran's building stones, holds a special place in the construction industry due to its natural beauty, high durability, and versatile applications. At Sangestan Factory, this stone is transformed into a high-quality, aesthetically pleasing, and durable product using advanced technologies and precise processes.

Features of Dare Bukhari Travertine

- **Varied Colors:** This stone is processed in shades of cream, beige (dark/light) with two types vein-cut and cross-cut.
- **High Density:** Resistant to pressure and abrasion.
- **Weather Resistance:** Suitable for use in harsh climatic conditions.
- **Low Water Absorption:** Prevents efflorescence and increases durability.
- **Excellent Polishability:** Surface becomes smooth and beautiful after polishing.



Specialized Production Process at Sangestan Factory

Extraction and Transportation:

The extracted stones from Dare Bukhari quarry are transported to Sangestan Factory.

Cutting and Processing:

- Utilization of advanced Gang Saws such as Barzanti and Breton for precise stone cutting.
- Processing the stone in two types: vein cut and cross cut..

Final Finishing:

- Stones undergo final finishing using advanced polishing, resulting in a surface that is polished or honed, filled or unfilled, based on customer requests and orders.





Final Products

The final products are supplied to the market in both filled and unfilled varieties, with polished and honed finishes. They are available in the following sizes and dimensions:

- **Slabs (vein cut and cross cut):** Available in large sizes and high quality - 2 cm thickness
- **Tile and Strip Stones (free length):** Tile and Strip Stones (free length) 2 cm and 3 cm thickness, stair treads.
- **Tiles (cross cut):** 2 cm and 3 cm thickness
- **Tumbled and French Pattern:** 3 cm thickness
- **Stone Elements:** Including columns, capitals, decorative sculptures, and curbstones.



Applications of Dare Bukhari Travertine Stone

- **Exterior Facades:** Used in classic Roman and modern designs.
- **Flooring and Wall Cladding:** Suitable for both interior and exterior spaces.
- **Fountains & Sculptures:** Creates beautiful visual effects.
- **Columns and Capitals:** Ideal for specialized architectural designs.

Advantages of Production at Sangestan Factory

- **Advanced Technology:** Utilization of Italian machinery such as Breton and Barzanti.
- **Strict Quality Control:** Each stone undergoes thorough inspections before being released to the market.
- **Mass Production:** Capacity of producing over 1,500,000 square meters of building stone annually.



— PRODUCTS

DARE BUKHARI TRAVERTINE



SLAB



Code : TR-LC02

40x80x2 | 60x60x2 | 60x120x2



Code : TR-LV03

40x80x2 | 60x60x2 | 60x120x2



Code : TR-LV02

40x80x2 | 60x60x2 | 60x120x2



Code : TR-LC01

40x80x2 | 60x60x2 | 60x120x2



Code : TR-LV01

40x80x2 | 60x60x2 | 60x120x2



Code : TR-DV01

40x80x2 | 60x60x2 | 60x120x2

TAILE

Dare Bukhari Travertine



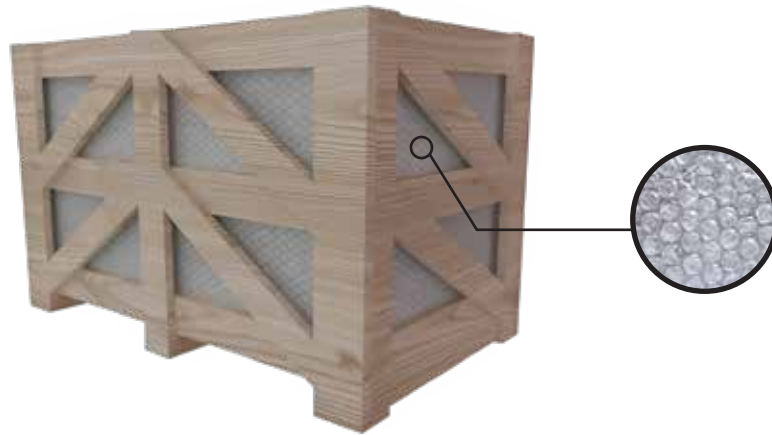
Physical Analysis:

- **Hardness:** 4
- **Density:** 2520 kg/m³
- **W.A:** 0.18 %
- **Compressive Strength:** 46.8 M.Pa

Chemical Analysis:

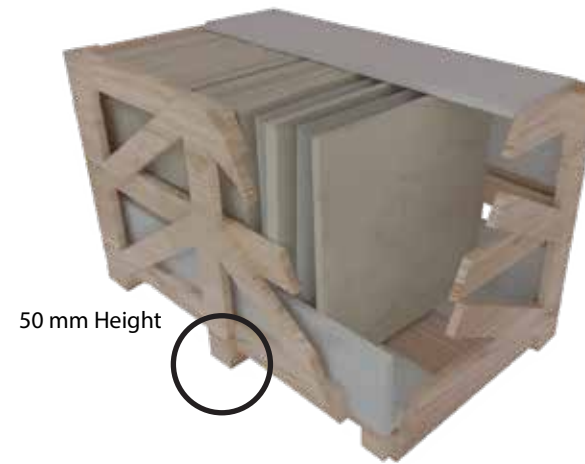
- **SiO₂:** 0.08 %
- **SrO:** 0.03 %
- **Al₂O₃:** 0.03 %
- **Fe₂O₃:** 0.03 %
- **Na₂O:** 0.22 %
- **CaO:** 55.37 %
- **K₂O:** 0.01 %
- **MgO:** 0.35 %
- **L.O.I:** 43.85 %

— PACKING



Bubble Wrap

Layer between stone and wooden box



Strong Wooden

Crate packing

Standard Packaging for Safe Transportation

At our factory, we adhere to the highest packaging standards to ensure the safe transit of our products. Each item is meticulously packed using wooden pallets, bubble wrap, and thin foam to prevent any damage during transportation.

This careful and detailed packaging process guarantees that our products arrive at their destination in perfect condition, meeting the expectations of our clients worldwide.

— PROJECTS



Buildings
Leggacies
in Stone





Designs

Step into Luxury





Designed
to inspire





Luxury meet



ts durability



STUDIO SANGESTANCO

Dare Bukhari Teravertine

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