

## About us

We are a leading provider of high-purity natural solutions designed to power critical sectors, from sports and landscaping to advanced water treatment and manufacturing. Our identity is defined by our expertise in sourcing and processing minerals that meet the rigorous standards of the modern global market.



**For Supplies & Export**

**Essential Minerals for a Modern World**



# COMPANY PROFILE

# Our products



**Future Way**  
For Supplies & Export

## Filtration Sand & Gravel

**“Engineered Media for Crystal Clear Water Treatment.”**

- **Filter Sand:** Precisely graded for optimal turbidity removal in rapid gravity filters. Our filtration sand is a monocrySTALLINE quartz silica and kiln-dried to ensure it is free from organic matter and dust.
- **Support Gravel:** Our gravel serves as the structural foundation, preventing sand migration and ensuring even water distribution.

## High-Performance Silica Sand Infill:

**“Ensure peak performance and safety for your athletes. Partner with us for reliable, high-grade sports silica infill solutions.”**

- Our sports-grade silica sand infill is the essential component for professional artificial turf installations. Engineered to meet demanding athletic standards, this infill provides the ideal balance of stability, shock absorption, and long-term durability.



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## High-Performance Calcium Carbonate

“Our Calcium Carbonate is sourced from high-purity limestone deposits, offering exceptional whiteness and chemical stability”.

### Why Choose Our Calcium Carbonate?

- Ultra-High Brightness: Our calcium carbonate is sourced from the rarest, high-purity limestone deposits.
- Controlled Particle Size: Available in a range of micron sizes to ensure perfect dispersion and surface finish in every application.
- Optimized Physical Performance: Our product isn't just a filler; it is a performance enhancer.

## Flint Pebbles

### “Unrivaled Hardness for High-Precision Industry”

- Our Flint Pebbles are sourced from high-quality deposits, known for their extreme hardness, durability, and high silica content.

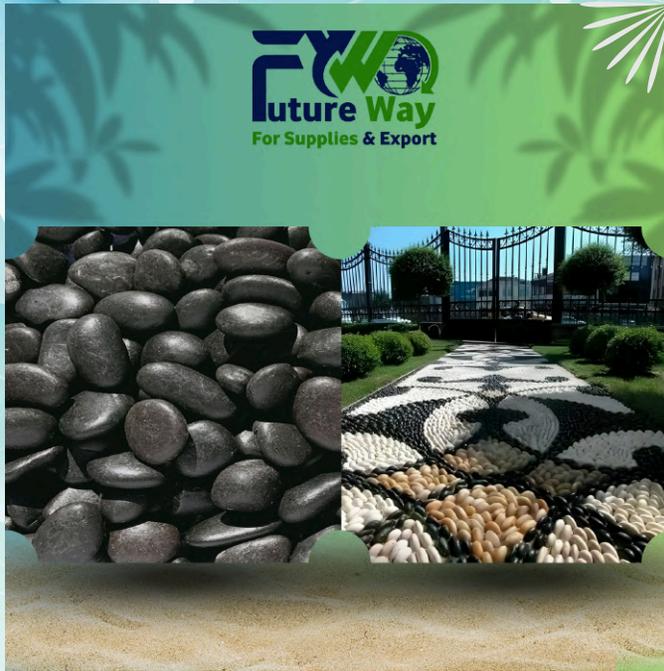
### Key Applications:

- Industrial: Used in ball mills for ceramics, glazes, and white cement production.
- Architectural: Ideal for exposed aggregate concrete, roofing ballast, and sustainable landscaping.

### Technical Specifications of Flint Pebbles:

- High Silica content: ( $\text{SiO}_2 > 98\%$ )
- Hardness: 7.5 – 8.0 on the Mohs Scale.
- Density: Approx. 2.60- 2.65  $\text{g/cm}^3$ .
- Apparent/Bulk Density: 1.60 – 1.80  $\text{g/cm}^3$ .
- Porosity:  $\leq 0.38\%$  preventing water absorption or bacterial growth.
- Abrasion Rate:  $\leq 1.35\%$ , indicating high resistance to wear during ball mill rotations.





## Decorative & Architectural Aggregates

### "Where Industrial Durability Meets Aesthetic Design"

- Exposed Aggregate Finishes: Used in poured concrete facades and pedestrian pathways to create a sophisticated, textured, and slip-resistant finish.
- Sustainable Landscaping: Low-maintenance, weather-resistant stone solutions for Zen gardens, urban swales, and eco-friendly public spaces.
- Aquascaping & Water Features: Chemically inert stones provide stability and aesthetic appeal in commercial and residential water installations without altering water chemistry.

## Gypsum Lumps & gypsum powder

"Raw Purity. Refined Performance."

### Gypsum Lumps (Raw Material)

- Gypsum lumps are naturally occurring calcium sulfate dihydrate ( $CaSO_4 \cdot 2H_2O$ ) extracted directly from quarries. They are primarily sold in bulk quantities for large-scale industrial processing.

### Gypsum Powder (Processed Material)

- Processed into Calcium Sulfate Hemihydrate (Plaster of Paris), our gypsum powder is a versatile, rapid-hardening material essential for modern construction and intricate molding.



# ISO CERTIFICATE



# CONTACT



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