

Flexible Stone / MCM Veneer Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real flexible stone / mcm veneer line equipment.

approved sample market gate	defined profiles launch scope	controlled cure quality gate	batch records traceability
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Prepared for investment planning in Afghanistan and regional export markets. Final specifications, pricing, civil works, and utility loads require supplier quotation and site survey.

Executive Summary

Produces thin flexible mineral-composite veneer by preparing mineral/clay filler and polymer binder, forming a textured sheet, controlled drying/curing, surface finishing, cutting and packing.

Why this project fits Afghanistan

- Approve a physical sample and the intended installation system.
- Launch with a limited, saleable profile or finish range.
- Keep batch records for material, mould and quality checks.

Sanaatchi delivery scope

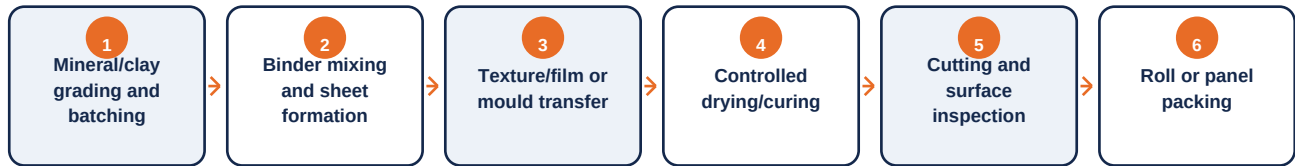
- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning
- International logistics, customs documentation, operator training, spare parts, and after-sales support

Recommended configuration

Treat this as a medium industrial materials process. Select one tested MCM formulation and texture family, then validate flexibility, bond, UV/weather performance and applicable fire requirements before launch.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Flexible mineral-composite veneer	Sheet thickness, flexibility radius, texture, bond strength, moisture/UV performance, colour consistency and installation system	Façade/interior contractors, retail fit-out, hospitality and decorative-material distributors

The supplier must prove the exact equipment scope, material safety data and acceptance sample before purchase.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Mineral/binder mixer	Prepares repeatable compound	Approved formula only
2	Sheet-forming/texturing line	Creates thin veneer	Defined thickness/texture
3	Drying/curing system	Stabilises composite sheet	Controlled recipe
4	Cutter/inspection station	Releases installable sheets	Flex/bond sample test

Equipment models are indicative and will be matched to the selected capacity, local raw-material tests, available utilities, and preferred automation level.

Reference Equipment Gallery



Made-in-China supplier reference: real flexible stone / mcm veneer line equipment.



Made-in-China supplier reference: second real machine configuration for flexible stone / mcm veneer line.

Images are supplier references for configuration discussion; final equipment appearance and model may differ.

Plant, Raw Materials & Utility Requirements

Raw materials

- Graded mineral powder or clay, specified polymer binder, pigments/texture film where used, backing/reinforcement if approved and packaging

Utilities & infrastructure

- Stable power, extraction/ventilation and dry covered storage
- Guarded cutting equipment, documented maintenance and essential spares

Quality, safety and environmental controls

- Test flexibility radius, thickness, bond and colour against approved sample
- Verify moisture resistance, UV exposure and fire performance to the target project requirement
- Confirm only compatible adhesive/substrate systems are offered

A final factory layout must reserve safe forklift routes, maintenance clearances, raw-material segregation, finished-goods storage, fire protection, ventilation, and future expansion space.

Indicative Investment & Implementation Plan

LOW-ENTRY CONFIGURATION

Flexible stone is a tested mineral-composite system, not simply crushed stone plus glue; prove installed performance before commercial supply.

Component	Indicative range	Notes
Mixing and sheet/texturing line	US\$70k-220k	Medium materials process
Curing, cutting and inspection	US\$35k-130k	Performance-control scope
Indicative total	US\$120k-350k	Formula development and certification excluded

Implementation sequence

Phase 1	2-5 weeks	Confirm product specification, representative raw material, buyer, capacity, site and utilities
Phase 2	3-7 weeks	Run supplier trials with the buyer material and freeze the balanced machine, tooling and utility scope
Phase 3	8-22 weeks	Manufacture or refurbish, inspect, document and ship the contracted equipment
Phase 4	3-12 weeks	Install, commission, train operators and pass material-specific acceptance tests

Ranges are planning targets for a low-cost entry configuration, exclude land, and remain subject to confirmed capacity, supplier quotation, freight, duties, exchange rates and site conditions.

Next Steps & Contact Information

Recommended next steps

- Confirm target products, hourly output, and packaging formats
- Test representative raw materials and document quality requirements
- Complete site survey covering electricity, water, fuel, drainage, roads, and warehouse space
- Request comparable technical and commercial quotations from shortlisted suppliers
- Finalize financing, logistics, installation, training, and spare-parts plan

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Research and image references

- <https://www.alibaba.com/showroom/flexible-stone-production-line.html>
- https://www.made-in-china.com/products-search/hot-china-products/Flexible_Stone.html