



Precast Window Sills & Wall Caps Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real precast window sills & wall caps line equipment.

approved sample market gate	defined formats launch scope	performance test release gate	batch records traceability
---------------------------------------	--	---	--------------------------------------

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

Casts precast concrete or terrazzo window sills, coping/wall caps and drip-edge units with controlled moulds, reinforcement where designed, cure, surface finishing, dimensional checks and packing.

Why this project fits Afghanistan

- Approve a physical sample and installation system.
- Begin with selected sizes, profiles and finishes.
- Keep material and quality records for every batch.

Sanaatchi delivery scope

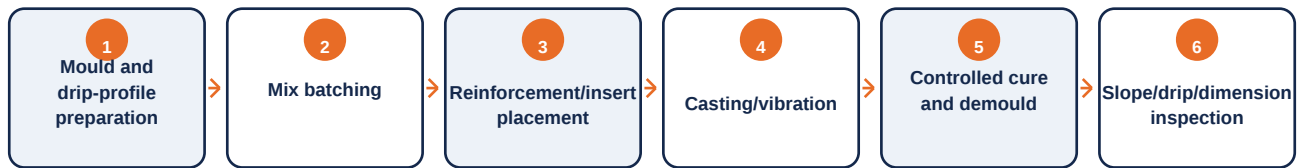
- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning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

Recommended configuration

Start with high-demand widths and drip profiles. Confirm water-shedding geometry, dimensions, installation jointing, strength and finish before launching a mould range.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Precast window sills and wall caps	Length/width/thickness, drip edge, slope, reinforcement where designed, strength, finish and installation/joint detail	Builders, housing projects, precast contractors, retailers and boundary-wall installers

Supplier scope, actual materials, installation requirements and acceptance sample must be confirmed before purchase.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Concrete/terrazzo mixer	Prepares casting mix	Defined water/cement ratio
2	Sill/cap moulds	Forms water-shedding profiles	Selected widths/drip edge
3	Vibration/cure beds	Compacts and cures pieces	Strength/cure control
4	QC/packing bench	Releases installer-ready units	Slope/dimension check

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 precast window sills & wall caps line equipment.



Made-in-China supplier reference: second real machine configuration for precast window sills & wall caps line.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Cement, sand/aggregate or terrazzo chips, water, pigments where used, reinforcement/fixtures where designed, release agent and packaging

Utilities & infrastructure

- Stable power, covered production/storage and reliable water where concrete is used
- Guarded cutting/forming equipment, documented maintenance and essential spares

Quality, safety and environmental controls

- Check dimensions, slope, drip edge and surface quality
- Test strength/absorption and cure
- Confirm jointing, wall/window interface and water-shedding installation

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

Sills and coping need a designed drip/slope; attractive casting alone does not prevent water damage.

Component	Indicative range	Notes
Mixer, moulds and vibration	US\$6k-22k	Micro/small profile range
Curing, finishing and packing	US\$6k-24k	Selected sill/cap formats
Indicative entry total	US\$16k-52k	Workshop/stock 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

Sanaatchi Industrial Vision Group

Afghanistan Office: +93 779 819 820 | info@sanaatchi.com

China Office: +86 159 5171 6867 | china@sanaatchi.com

Website: www.sanaatchi.com

Research and image references

- <https://www.alibaba.com/showroom/roof-tile-production-line.html>
- https://www.made-in-china.com/products-search/hot-china-products/Roof_Tile_Production_Line.html