

Installation Overview

PebbleCrete exposed-aggregate pool finish · PebbleCrete Classic, Supreme and Glass

DOCUMENT
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English

REVISION 2026-10 — 24 OCTOBER 2026 A short overview of the PebbleCrete Method Statement — Rev 2026-10, for pool owners, architects and contractors. It outlines the typical stages of the work, who is responsible for what, and the checks and acceptance records kept by the project parties. It is not an installation instruction: the work is carried out by a professional applicator to the full Method Statement.
Always confirm you are using the current revision at pebblecrete.com/technical-documents.

1 Status of this document

This overview is general information about our material and the way it is applied. It is not a do-it-yourself guide, not an offer and not a contract, and it omits the detailed working parameters needed for installation. Where this overview differs from the project specification, the full Method Statement or the TDS, those documents apply, in that order. Project specifications should identify the applicable revisions of the TDS, the full Method Statement and the project-specific requirements; this overview is not intended for incorporation as an installation specification.

WARRANTY PEBBLE CRETE CO., LTD. supplies material and technical documentation. It warrants the material only, from delivery, under the PebbleCrete Material Warranty — Rev 2026-09 (supplied on request).

As supplier of the material, we give no warranty on installation, on workmanship or on the finished pool surface, and no system warranty. Any warranty on the finished pool is one the installer elects to give, on its own terms and in its own name. Where the installer bought the material, the owner's route for a material defect is the installer's warranty. This overview does not create, extend or vary our warranty.

Installation, site supervision, the on-site mock-up and acceptance of the finished work are undertaken by the responsible project parties. Any additional service by PEBBLE CRETE CO., LTD. must be defined in a separate written agreement, which states the resulting responsibilities and any effect on the Material Warranty.

2 The system

PebbleCrete is an exposed-aggregate finish for the pool shell — walls, floor and steps. It is made on site from our aggregate, our cement modifier and, for pigmented colours, pre-weighed pigment packs, with white Portland cement bought locally. The applicator forms and exposes the finish to the full Method Statement. Benches, coping and surfaces other than the pool shell need a separate project specification.

Product line	Character
PebbleCrete Classic	Exposed aggregate finish
PebbleCrete Supreme	Glass beads in every blend, with natural aggregate or glass crystals
PebbleCrete Glass	Exposed glass finish, glass beads only



Supplied by PEBBLE CRETE CO., LTD.	Obtained locally (by the party doing that work)
Aggregate (25 kg bags; contains no cement)	White Portland cement meeting TDS section 3.2, with alkali evidence
Cement modifier — dry (Thailand) or liquid (export)	Cementitious tile adhesive for immersed pools as bond coat (TDS section 4)
Pre-weighed pigment packs, where the colour includes pigment	Rigid cementitious suction-control coat (TDS section 4)
Technical documents; training by separate agreement	Hydrochloric acid for the acid wash; clean fill water

Typical build-up, from the shell up (as in the Specification — Section 13 11 00): concrete shell → bond coat → render or levelling → bond coat → suction-control coat → bond coat → primer (walls only) → PebbleCrete finish. Only the bond coat is applied directly onto the suction-control coat. Rigid layers only: no flexible or elastic coatings or membranes are used in the build-up. The suction-control coat is not a waterproofing membrane. Watertightness is provided by the pool shell and is the responsibility of its builder. The project designer specifies the assembly for each project; this overview does not specify or approve a project assembly.

3 Who does what

Party	Responsible for
PEBBLE CRETE CO., LTD.	Supply of material under the order and the Material Warranty; technical documentation (Method Statement, TDS, SDS). Any training is by separate agreement; a training record confirms attendance only and does not certify, approve or authorise anyone, or make anyone our agent or representative.
Applicator (installer)	Inspection and storage of the material on receipt; acceptance of the substrate in writing; making the on-site mock-up and obtaining the client's written approval; all mixing, application, exposure, acid wash and filling; informing the client in writing, before work starts, of the fill-day requirement; where the client instructs a departure from the Method Statement, stating in writing before work starts what is wrong with the departure and the consequences expected, and obtaining the client's written confirmation; handing the water-care instructions to the pool owner in writing; any finished-pool warranty the installer elects to give, on its own terms and in its own name.
Main contractor / client	Pool shell, fittings and equipment ready, with pumps working so the pool can be filled immediately after the acid wash; water, power and site access. Where the contractor or client prepares the substrate or applies the render, bond coats or suction-control coat: carrying out that work to the Method Statement, with evidence, and signing the Substrate Acceptance Protocol. Watertightness is provided by the pool shell and is the responsibility of its builder.
Pool owner / operator	Water chemistry and care from handover; from filling to handover, as the contract provides. The contract names who runs start-up and water care until handover.

4 Stages of the work

- 1. Receipt and storage.** The applicator checks the bags and packs against the order, checks that the cement modifier is within the shelf life printed on the pack, records the batch numbers and reports visible defects in writing before use. Material is kept covered, dry, off the ground and out of direct sunlight.
- 2. Substrate.** The shell is prepared, rendered and given the suction-control coat by the party responsible for it; the applicator checks it and records the result — control point H1.
- 3. Bond coat.** The bond coat is applied over the suction-control coat and checked before the finish — control point H2.
- 4. On-site mock-up.** The applicator makes a mock-up of the actual mix and finish on site; the client approves it in writing — control point H3. No finish is applied to the pool before this approval.
- 5. Application.** The finish is mixed, applied and compacted surface by surface by a professional applicator working to the full Method Statement.



6. **Exposure and acid wash.** Each surface is washed while green to expose the aggregate, as the work proceeds. The acid wash comes later, and only when the pool is ready to be filled straight after it.
7. **Wash, fill and start-up — one operation.** Washing, filling and start-up are planned as one operation; the main contractor has the pool ready to be filled, as agreed in writing with the applicator before work begins. The finished pool is not left empty to dry.
8. **Handover.** The applicator hands the pool owner written filling, start-up and water-care instructions, with the records of the control points and the batch numbers.

5 Control points and acceptance

Control point	What is checked	Record
H1 — substrate accepted	The suction-control coat and the layers below it are sound, clean and of the accepted products; nothing unsuitable has been applied over it	Substrate Acceptance Protocol, signed, with photographs
H2 — bond coat ready	The bond coat is ready to receive the finish	Same Protocol
H3 — mock-up approved	Colour, exposure and texture of an on-site mock-up of the actual mix and finish, judged in daylight with the surface wet	Mock-up approval record, signed by the client

The project parties agree in writing who inspects and signs each control point before work proceeds. These are project records, not inspection, approval or certification by PEBBLE CRETE CO., LTD. A layer that is unsuitable or poorly bonded to what lies beneath it cannot be corrected by the finish.

Appearance. Images and illustrative loose samples indicate colour family and texture only. Where an order is placed against an approved dry material sample, the Material Warranty governs conformity of the dry material to that sample; the finished surface is not compared with it. The approved site mock-up is the reference for the appearance of the installed finish; it is not a material-warranty reference.

6 Start-up and water care

- The applicator provides written filling, start-up and water-care instructions from the full Method Statement, including the restrictions on drying and on adding salt.
- Water balance must be kept within the specified Langelier Saturation Index (LSI) range from the first day; where balance parameters conflict, they are adjusted to bring the LSI into range. The LSI does not replace the disinfection requirements.
- **Never place chlorine directly on the finish.** Add treatment chemicals only by a method permitted by both the chemical supplier's and the equipment manufacturer's instructions.
- Do not drain the pool when the groundwater table is high. Before draining, obtain advice from the installer and the project designer on the shell, the groundwater conditions and the care of the finish.
- Working values and care guidance for owners: pebblecrete.com/water-treatment/. For public and commercial pools, national bathing-water rules prevail.

7 Limitations

Colour. The shade of the finished surface depends on the cement, the water, the application, the acid wash and the water chemistry. Natural aggregate and glass vary between production batches; order the material for one surface from one production batch.

Not claimed: slip resistance, service life, performance in freezing conditions, watertightness or structural function. The finish is textured, not smooth, and is not joint-free or crack-free. PebbleCrete is a rigid finish and cannot bridge structural movement of the shell.

Health and safety. Wet cement mixes, aggregate dust and the acid wash are hazardous: follow TDS section 13, the full Method Statement and the safety data sheets.

Nothing in this document excludes or limits liability for death or personal injury, for fraud, wilful misconduct or gross negligence, or any liability that cannot be excluded or limited under the applicable law, including, in



Thailand, the Act on Liability for Injuries from Unsafe Products B.E. 2551, and nothing in it affects the statutory rights of a consumer.

8 Full documentation

METHOD STATEMENT The full Method Statement is issued to the applicator of a specific project or to PebbleCrete-trained applicators on request.

Published at pebblecrete.com/technical-documents: Technical Data Sheet (TDS) · Specification — Section 13 11 00 · How to specify.

Issued on request: Safety Data Sheets (aggregate, modifiers) · Material Warranty · Product Submittal · Method Statement · Substrate Acceptance Protocol · Mock-up approval record · Project Submittal (full package) · installer warranty and declaration of origin templates.