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SYSTEM

Stone Feel KIPool

Modular system of pools lined with Stone Feel Pool technology

Technical prescription document for architects, engineering firms, construction companies and project management.

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Technical Information · 2026 Edition

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01

PRESCRIPTION

System Prescription

Technical report ready for incorporation into projects, tenders and work specifications.

01 · PRESCRIPTION

System Overview

Stone Feel KIPool is a comprehensive system of modular pools made with a Geofoam 250 structure by Knauf Industries that receives a decorative and waterproof continuous coating using Pavistamp's Stone Feel Pool technology. The resistant structure is made up of self-interlocking modules of high-density expanded polystyrene (EPS), generating a monolithic pool with a continuous stone finish, with no visible joints.

INTENDED USE

Construction and coating of swimming pools for residential, spa, wellness and boutique hospitality pools, in permanent immersion and exposed to saline and traditional chlorination.

SUPPORTS

- Geofoam 250 (EPS) modular structure
- Semi-smooth surface with high adhesion

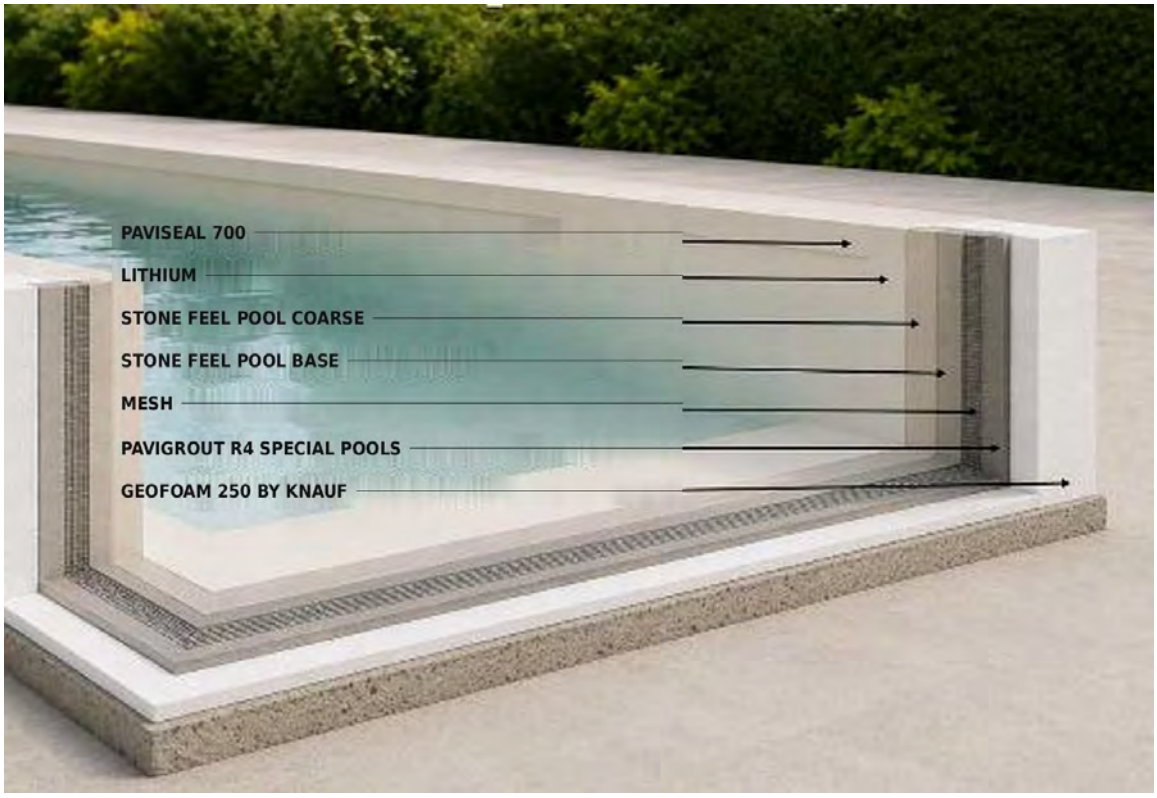
AREAS OF APPLICATION

- Single-family homes, penthouses and terraces
- Spas, campsites, boutique hotels and wellness centres.

TECHNICAL ADVANTAGES

- Extreme lightness and lower structural load.
- High thermal insulation (λ 0.034 W/m·K).
- Quick installation (1–2 weeks).
- Logistics optimization in kit.
- Reduction of waste on site.
- Energy efficiency and savings in air conditioning.
- Monolithic coating without joints.

Detailed layered composition



1	**Geofoam 250 (Knauf) + KIPOOL 2C**	Modular structure · Two-component adhesive
2	**Paviseal 300**	Primer & Pore Sealing · 0.1–0.2 kg/m²
3	**Pavigrout R4 Special Swimming Pools**	Structural regularization · 3–5 mm
4	**Fiberglass Mesh**	Embedded stabilizing and anti-cracking reinforcement
5	**Stone Feel Pool Base**	Elastic waterproofing · ≥ 4 mm
6	**Stone Feel Pool (fine / coarse)**	Stone decorative finish · 2–3 mm
7	**Lithium Silicate**	Surface hardening densifier
8	**Paviseal 700**	Water-repellent protective final sealant

Approximate total thickness of the coating on the Geofoam structure: 6–9 mm.

Execution, requirements and limitations

EXECUTION CONDITIONS

- Application temperature: 10–30 °C.
- Protect from rain, frost, strong wind and direct sunlight.
- Respect waiting times between coats and setting or curing.
- Place the mesh on the layer of Pavigrout R4 Special Pools.

SUPPORT REQUIREMENTS

- Assembled, level, and stable Geofoam structure.
- Healthy, clean surface free of dust or grease.
- Joints and meetings treated with KIPOOL 2C adhesive.
- Unique points reinforced with mesh.

LIMITATIONS

- Not suitable on substrates with humidity > 4%.
- It does not resist concentrated acids or aggressive chlorinates in direct contact.
- Respect wait of ≥ 2 to 5 days before filling.
- Do not apply under sunstroke or risk of frost.

COMPATIBILITIES

- Compatible with salt and traditional chlorination.
- Skimmer, drainage, spotlights, impellers and system ladders.
- Closed system of Pavistamp + Knauf products.
- Suitable for permanent immersion.

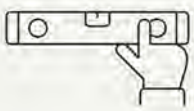
Procedure and installation

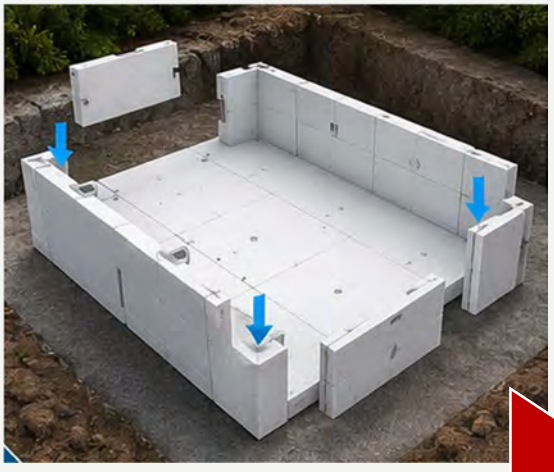
INSTALLATION PROCEDURE AT A GLANCE



01 · BASE AND LEVELING

Base positioning.
Precise leveling.
Stable surface.





02 · PANEL ASSEMBLY

Socket assembly with perfectly fitting modular parts.



03 · ADHESIVE BONDING

Structural adhesive of all joints.



04 · WATERPROOFING AND FINISHING

Waterproofing and finishes for a professional result.

Procedure and installation

INSTALLATION PROCEDURE AT A GLANCE

1. Mounting and adhesive of Geofoam 250 modules with KIPOOL 2C.
2. Primer and pore sealing with Paviseal 300.
3. Structural regularization with Pavigrout R4 Special Pools and 160 g/m² fiberglass mesh
4. Application of Stone Feel Pool Waterproofing Base (≥ 4 mm).
5. Fine or thick Stone Feel Pool decorative finish (2–3 mm).
6. Densified with Lithium Silicate and sealed with Paviseal 700.

MASTER PRESCRIPTION TEXT

Supply and execution of Pavistamp's STONE FEEL KIPOOL modular pool complete system: self-supporting structure of Geofoam 250 high-density EPS modules from Knauf Industries (density 25–35 kg/m³, compressive strength σ10 ≥ 250 kPa, thermal conductivity λ = 0.034 W/m·K), assembled and adhesive with KIPOOL 2C. Primer with Paviseal 300; structural regularization with Pavigrout R4 Special Swimming Pools reinforced with 160 g/m² fiberglass mesh; base layer and elastic waterproofing Stone Feel Pool Base (≥ 4 mm) and continuous decorative finish Stone Feel Pool (fine or coarse, 2–3 mm) in the color chosen from the menu. Densified with Lithium Silicate and sealed with Paviseal 700 water-repellent. Monolithic stone lining, without joints, waterproof, breathable and resistant to salt and traditional chlorination, suitable for permanent immersion. Measurement: m² of fully finished swimming pool.

Surface and installation preparation

SURFACE PREPARATION

- Level and compacted base: concrete slab, slab or gravel with regularization layer.
- Flatness ≤ 3 mm/2 m and slope towards the drain.
- Dry, clean support, without construction residues, greases or roots.
- Check the drainage of the land and rule out high water table.
- Redesign of the pool and the feedthroughs before assembly.

FACILITIES TO BE PLANNED

- Water supply and return: feedthroughs placed before the lining.
- Skimmer or overflow and bottom drain connected to the treatment plant.
- Protected power supply: pump, panel with differential and LED spotlights.
- Filling intake and drain connected to the network.
- Provision for pool cleaners: suction socket or robot with its own connection.
- Load test all pipes before waterproofing.

SURFACED, SEMI OR BURIED

- On the surface: rigid perimeter support and lateral protection; quick assembly in renovations.
- Semi-buried and buried: leave a perimeter gap of **50–80 cm** to work and finish.
- Fill the back by compacted layers only after the coating has cured.
- Provide perimeter drainage and manhole for registering facilities.
- Raised cups: check the leveling of the Geofoam structure before adhesive.

WATERPROOFING AND SHEETS

- Under the glass: protective geotextile plus EPDM sheet or plastic sheet (PVC/PE).
- Waterproofing sheets in buried backsplashes, with sealed overlaps.
- Liquid alternative: PAVIMPER 2 by Pavistamp, elastic membrane for continuous application.
- Mesh reinforcement at angles, joints and feedthroughs.
- Interior finish always with Stone Feel Pool Base and Stone Feel Pool.

Excavated opening, floor and modular vessel



Excavated hollow with concrete slab and supported modular vessel

Excavation with a 50–80 cm perimeter working hole, compacted gravel base, reinforced concrete slab and assembly of the Geofoam modules supported on the full surface on the impermeable sheet.

OUTLINE IN SECTION



Work space 50–80 cm on each side

- Geofoam modular socket (3.00 × 1.20 m)
- Waterproof film + geotextile
- HA-25 concrete screed, 12–15 cm
- Compacted zahorra 10–15 cm
- Natural terrain / backsplashes
- Perimeter working space 50–80 cm

Pool hole and concrete floor

DIGGING THE HOLE

- Staking out the basin and excavation with 50–80 cm free around the perimeter.
- Depth = height of the vessel + hearth + seating layer (15–25 cm).
- Clean bottom, without roots or stones, and stable or shoring slopes.
- Check the terrain: portance, drainage and absence of high water table.
- Compacted 10–15 cm by layers as the base of the screed.

CONCRETE SCREED

- Concrete slab of 12–15 cm, minimum strength HA-25.
- Electro-welded mesh and anti-punch sheet or vapour barrier under the slab.
- Dimension of the hearth 20–30 cm larger than the whole contour of the vase.
- Troweled finish, flatness ≤ 3 mm/2 m and surface without protrusions.
- Minimum cure of 28 days or humidity ≤ 4% before assembling the modules.
- Pipe feedthroughs and installations embedded or planned before concreting.

MODULAR CUP SUPPORT

- Geofoam modules rest on the floor at full surface, never on isolated points.
- Check the leveling of the first ring before **adhesive with KIPOOL 2C**.
- In surface sockets, the slab acts as a rigid base and protects from the differential seat.
- In semi-buried and buried, maintain the work hole until the back is finished.
- Filling of the back by compacted layers only after the coating has cured.

DRAINAGE AND PROTECTION

- Perimeter drainage with drain pipe and gravel wrapped in geotextile.
- Geotextile + EPDM or plastic sheet on the slab, mounted on the sides.
- Liquid alternative on concrete: PAVIMPER 2C, continuous elastic membrane.
- Reinforcement with mesh at the solera-vaso meeting and in the feedthroughs.
- Manhole for registration and protection of installations before the final filling.

Surface Preparation · Base Waterproofing



Base Compaction
Levelling and compacting the layer of gravel or sand before spreading the sheet.



Pre-waterproofing of the bottom of the excavation
Spreading of protective plastic sheet on a level and compacted base, with overlaps and winding on the sides, before the assembly of the modular structure of the pool.



Perimeter winding of the sheet
Overlap and fixing of the sheet on the sides of the 50–80 cm work opening.

Waterproofing · PAVIMPER 2C

PAVIMPER 2C

Two-component waterproofing membrane

- Two-component flexible cementitious and resin-based mortar.
- It waterproofs vessels, backsplashes and areas in permanent contact with water.
- It bridges micro-cracks and absorbs the movements of the support.
- Application with trowel or brush, compatible with Stone Feel Pool.

Technical data sheet
Scan the QR code to view the Pavimper 2C catalog.



Application and performance

Indicative data for installation

- Recommended thickness: 2 mm divided into two cross layers.
- Indicative consumption: 1.5 kg/m² per mm thickness.
- Reinforcement with elastic band or mesh at angles and grommets.
- Apply between 5 and 30 °C; wait 7 days before filling.



Draining pavements · ECOLOGICAL FLOORING

GOAT TERRA

Lime-based mineral soil stabilizing mortar

- 100% natural solution for paths, trails and green areas.
- Double setting: hydraulic and recarbonation over time.
- Excellent drainage capacity: prevents mud, dust and waterlogging.
- Resistant to erosion and freeze-thaw cycles; recyclable and reversible.

Technical data sheet
Scan the QR code to consult the drainage pavement catalogue.



Application and finishes

Pool and outdoor environments

- Compacted gravel drainage base of 8–10 cm and slope of 1–2%.
- Typical thickness of the draining mortar: 3–5 cm.
- Compacted, smooth, scratched or loose-grained, coloured and aggregated finishes.
- Protected curing for the first 24–48 hours.
- Applications: trails, rural roads, green areas and swimming pool surroundings.



02

CONSTRUCTION SYSTEM

Construction System I

Technical description of each of the layers that make up the Stone Feel KIPool system.

Geofoam 250 by Knauf Industries

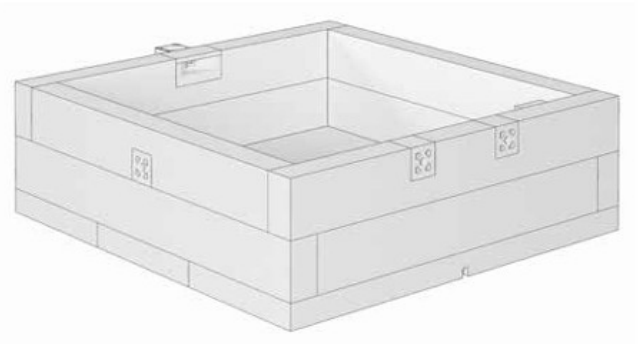
Self-interlocking modular structure made of high-density expanded polystyrene (EPS) developed by Knauf Industries. Semi-smooth surface that creates an optimal support for the Stone Feel Pool covering, with perfect adhesion, great thermal insulation and lightness.

Technical data sheet
Scan the QR code to view the full document.

GEOFOAM 250 · Technical properties	
Thermal conductivity (λ)	**0.034 W/m·K**
Dimensional stability	**± 0.5%**
Bending Strength	**≥ 420 kPa**
Compression Stress (σ10)	**≥ 250 kPa**
Creep to compression (perm.)	**CC(2/1,5/50)70**
Tensile strength	**≥ 390 kPa**
Water Absorption	**≤ 5%**
Vapor diffusion (μ)	**40 – 100**
Vapor permeability (δ)	**0,006 – 0,015**
Density	**25 – 35 kg/m³**
Recyclable	**100 %**

ADVANTAGES OVER CONCRETE

- ~70% reduction in weight compared to traditional solutions.
- Natural thermal insulation: lower air conditioning cost.
- Fast and clean installation in 7 to 10 days, without formwork or gunning compared to a traditional system of 35 - 40 days.
- Zero waste on site and optimised logistics.
- 100% recyclable material.



KIPOOL 2C Adhesive · Paviseal 300

KIPOOL 2C

Two-component structural adhesive

- Attach and glue the Geofoam modules of the cup.
- It guarantees self-supporting modular assembly.
- Seals joints between parts against leakage.
- High mechanical and immersion resistance.
- The basis of the monolithic behavior of the complex.



Technical data sheet
Scan the QR code to view the full document.

Paviseal 300

Pore priming and sealing

- First consolidating primer on EPS.
- It seals the surface porosity of the structure.
- Improves the adhesion of the back layers.
- Regulates the absorption of the support.
- Guideline consumption: 0.100–0.200 kg/m².



Technical data sheet
Scan the QR code to view the full document.

Pavigrout R4 · Fiberglass Mesh

Pavigrout R4 Special Swimming Pools

Structural regularization mortar

- It regularizes and gives continuity to the modular surface.
- Provides structural strength to the pool as a whole.
- Corrects flatness prior to waterproofing.
- Approximate application thickness: 3–5 mm.
- Compatible with embedded reinforcement mesh.
- Guideline consumption: 8.0 kg/m².

Technical data sheet
Scan the QR code to view the full document.

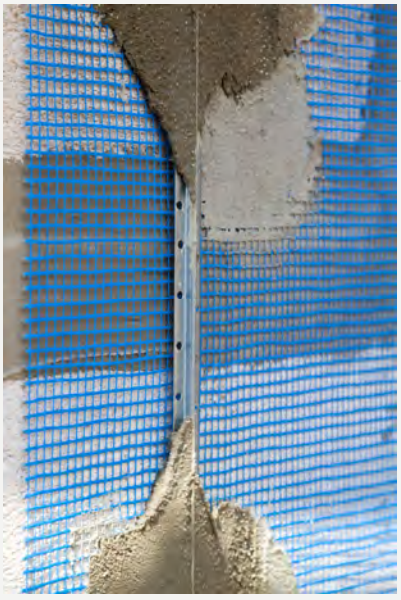


Fiberglass Mesh

Crack reinforcement and control

- It is placed in the middle of the regularization coating.
- Controls shrinkage cracking and stresses.
- It reinforces unique points, encounters and edges.
- Distributes forces over the entire surface.
- Overlap according to structural support.
- Guideline consumption: 1.0 m².

Technical data sheet
Scan the QR code to view the full document.



Stone Feel Pool Base · Finish

Stone Feel Pool Base

Two-component base and waterproof elastic mortar

- Base layer and waterproofing and elastic of the pool.
- Tensile adhesion ≥ 1 MPa; Class A5 cracks.
- Permeability index: 0.03 kg/m²·h⁰′⁵.
- Thickness 2 – 3 mm/layer.
- Reaction to fire A1.
- Guideline consumption: 5.0 kg/m².



Technical data sheet
Scan the QR code to view the full document.

Stone Feel Pool Coarse or Fine

Stone decorative finish

- Continuous coating with mineral aggregates.
- High chemical and salt resistance in immersion.
- Jointless, non-slip stone finish (C2–C3).
- Adhesion 0.98 N/mm²; absorption 0.003 g/cm².
- Thicknesses 2–6 mm ·
- Customizable color chart.
- Guideline consumption: 3.0 kg/m².



Technical data sheet
Scan the QR code to view the full document.

Lithium Silicate · Paviseal 700

Lithium Silicate

Surface hardening densifier

- Densifies and hardens the surface of the finish.
- Reduces porosity and improves surface cohesion.
- Increases wear and abrasion resistance.
- Internal chemical reaction without altering the color.
- Optimal preparation for final sealing.
- Guideline consumption: 0.100–0.200 kg/m².



Technical data sheet
Scan the QR code to view the full document.

Paviseal 700

Water-repellent protective final sealant

- Hydro-oleopheguating final sealing of the entire system.
- Water repellent effect without changing the color.
- Prevents efflorescence and stains; breathable.
- Provides durability and facilitates maintenance.
- Guideline consumption: 0.015 kg/m².



Technical data sheet
Scan the QR code to view the full document.



02

CONSTRUCTION SYSTEM

Construction System II

Technical description of each of the layers that make up the Stone Feel KIPool system.

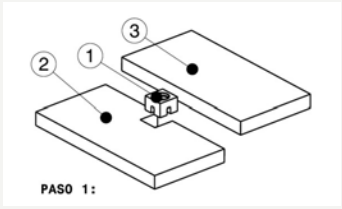
Exploded view and assembly · AZORES Model

AZORES 2400 × 2400 × 900 mm · EPS GEOFOAM 250 · 11 PIECES

01 · DESCRIPTION OF ELEMENTS AND NUMBERING

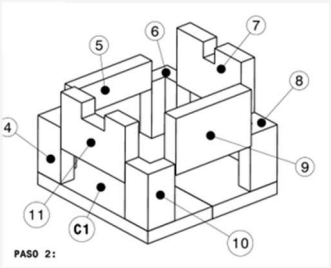
ID	NAME	REFERENCE	MEN. BASE (mm)	OUT
1	Standard floor panel	091023IN-021	2400 × 1200 × 200	1
2	Floor drain panel	091023IN-022	2400 × 1200 × 200	1
3	Corner	091023IN-0200	500 × 500 × 900 × 250	4
4	Fixed wide smooth panel	091023IN-024	1400 × 900 × 250	1
5	Panel frontal impulsor	091023IN-030	1400 × 900 × 250	1
6	Panel frontal skimmer	091023IN-031	1400 × 900 × 250	1
7	Side panel focus	091023IN-032	1900 × 450 × 250	1
8	Smooth half side panel	091023IN-033	1400 × 450 × 250	1

02 · ASSEMBLY PROCESS



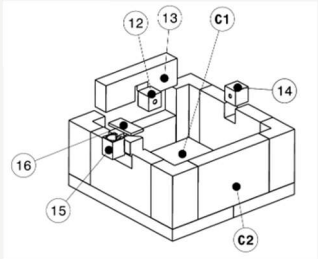
STEP 1 · BASE

Place and adhesive pieces 1 to 3 forming the base of the glass (C3 set).



STEP 2 · SET C1

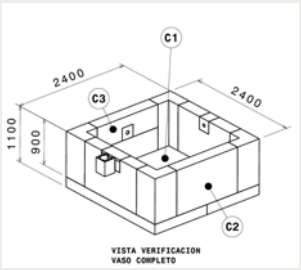
Assemble pieces 4 to 11 in the order indicated; adhesive all the faces in contact and the joint to the C1 assembly.



STEP 3 · SET C2

Assemble pieces 12 to 16 and adhesive all contact surfaces between panels and accessories, and attach them to the C2 assembly.

03 · VERIFICATION, ADHESIVE AND FINISHING



VERIFICATION VIEW · COMPLETE CUP

ADHESIVE AND FINISHING

- **Adhesive:** KIPOOL 2C (Part A + Part B), 8:1 mix.
- **Ladder:** choose a model from the catalogue and stick all the surfaces in contact with the glass.
- **Finishing:** with the set dry, apply waterproofing and finishing materials.
- **Installations:** water and electricity pipes, sealing the passages properly.

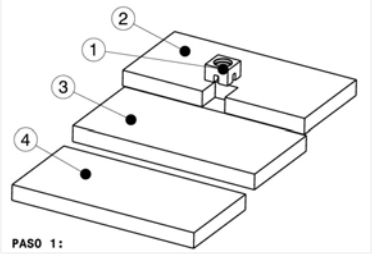
Exploded view and assembly · BALI model

BALI 2400 × 3600 × 900 mm · EPS GEOFOAM 250 · 12 PIECES

01 · DESCRIPTION OF ELEMENTS AND NUMBERING

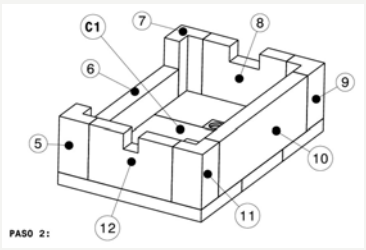
ID	NAME	REFERENCE	BASE DIMENSIONS (mm)	OUT
1	Standard floor panel	091023IN-021	2400 × 1200 × 200	2
2	Floor drain panel	091023IN-022	2400 × 1200 × 200	1
3	Smooth side panel	091023IN-027	2600 × 900 × 250	1
4	Corner	091023IN-0200	500 × 500 × 900 × 250	4
5	Panel frontal impulsor	091023IN-030	1400 × 900 × 250	1
6	Panel frontal skimmer	091023IN-031	1400 × 900 × 250	1
7	Side panel focus	091023IN-036	3100 × 450 × 250	1
8	Smooth half side panel	091023IN-037	2600 × 450 × 250	1

02 · ASSEMBLY PROCESS



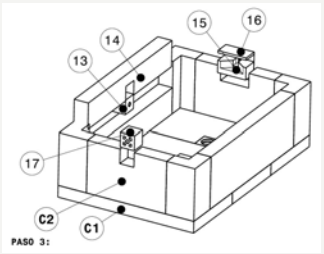
STEP 1 · BASE

Place and glue pieces 1 to 4 forming the base of the glass (C3 set).



STEP 2 · SET C1

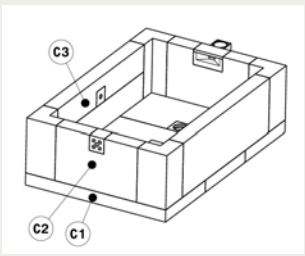
Assemble pieces 5 to 12 in the order indicated; adhesive all the faces in contact and the joint to the C1 set.



STEP 3 · SET C2

Assemble pieces 13 to 17 and adhesive all the contact surfaces between panels and accessories, and the joint to the C2 set.

03 · VERIFICATION, ADHESIVE AND FINISHING



VERIFICATION VIEW · COMPLETE CUP

ADHESIVE AND FINISHING

- **Adhesive:** KIPOOL 2C (Part A + Part B), 8:1 mix.
- **Ladder:** choose a model from the catalogue and stick all the surfaces in contact with the glass.
- **Finishing:** with the set dry, apply waterproofing and finishing materials.
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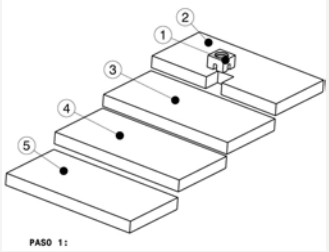
Exploded view and assembly · CAPRI model

CAPRI 2400 × 4800 × 900 mm · EPS GEOFOAM 250 · 20 PIECES

01 · DESCRIPTION OF ELEMENTS AND NUMBERING

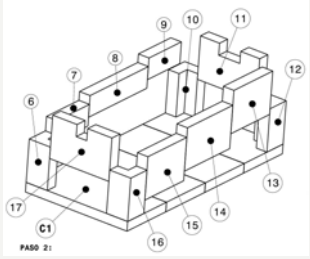
ID	NAME	REFERENCE	DIMENSIONS (mm)	OUT
1	STANDARD FLOOR PANEL	091023IN-021	L2400 × A1200 × G200	3
2	FLOOR DRAIN PANEL	091023IN-022	L2400 × A1200 × G200	1
3	SMOOTH SIDE PANEL	091023IN-029	L1200 × H900 × G250	2
4	FIXED WIDE SMOOTH PANEL	091023IN-024	L1400 × H900 × G250	1
5	PANEL FRONTAL IMPULSOR	091023IN-030	L1400 × H900 × G250	1
6	PANEL FRONTAL SKIMMER	091023IN-031	L2300 × H450 × G250	1
7	SIDE PANEL SPOTLIGHT	091023IN-038	L1400 × H450 × G250	1
8	SMOOTH HALF SIDE PANEL	091023IN-039	L1000 × H450 × G250	2
9	SMOOTH HALF PANEL	091023IN-039B	L1800 × H450 × G250	2
10	SIDE PANEL SPOTLIGHT	091023IN-038A	L1200 × H450 × G250	2
11	CORNER	091023IN-0200	L500×L500×H900×G250	4

02 · ASSEMBLY PROCESS



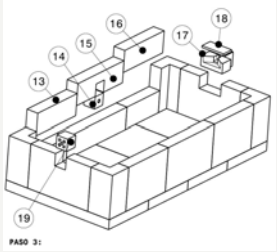
STEP 1 · BASE

Place and adhesive pieces 1 to 5 forming the base of the glass (set C3).



STEP 2 · SET C1

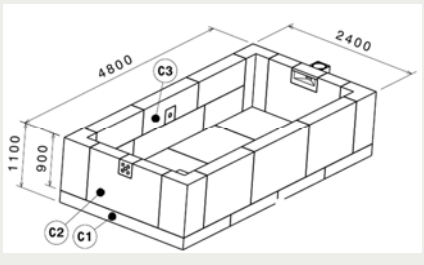
Assemble pieces 6 to 17 in the order indicated; adhesive all the sides in contact and the joint to the C1 assembly.



STEP 3 · SET C2

Assemble parts 13 to 19 and adhesive all the contact surfaces between panels and accessories, and the joint to the C2 assembly.

03 · VERIFICATION, ADHESIVE AND FINISHING



VERIFICATION VIEW · COMPLETE CUP

ADHESIVE AND FINISHING

- **Adhesive:** KIPOOL 2C (Part A + Part B), 8:1 mix.
- **Ladder:** choose a model from the catalogue and stick all the surfaces in contact with the glass.
- **Finishing:** with the set dry, apply waterproofing and finishing materials.
- **Installations:** water and electricity pipes, sealing the passages properly.

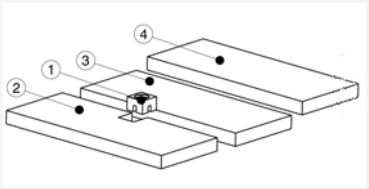
Exploded view and assembly · DOMINICA model

DOMINICA 3000 × 3600 × 900 mm · EPS GEOFOAM 250 · 13 PIECES

01 · DESCRIPTION OF ELEMENTS AND NUMBERING

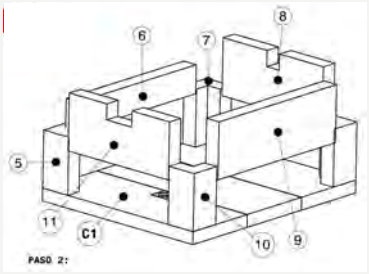
ID	NAME	REFERENCE	BASE DIMENSIONS (mm)	OUT
1	Standard floor panel	091023IN-025	3000 × 1200 × 200	2
2	Floor drain panel	091023IN-026	3000 × 1200 × 200	1
3	Smooth side panel	091023IN-027	2600 × 900 × 250	2
4	Corner	091023IN-0200	500 × 500 × 900 × 250	4
5	Panel frontal impulsor	091023IN-034	2000 × 900 × 250	1
6	Panel frontal skimmer	091023IN-035	2000 × 900 × 250	1
7	Side panel focus	091023IN-036	2600 × 900 × 250	1
8	Smooth half side panel	091023IN-037	3100 × 450 × 250	1

02 · ASSEMBLY PROCESS



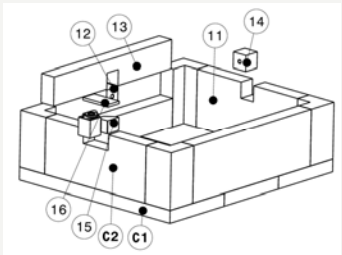
STEP 1 · BASE

Place and glue pieces 1 to 4 forming the base of the glass (C3 set).



STEP 2 · SET C1

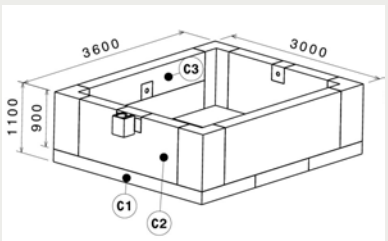
Assemble pieces 5 to 11 in the order indicated; adhesive all the sides in contact and the joint to the C1 assembly.



STEP 3 · SET C2

Assemble pieces 12 to 16 and adhesive all contact surfaces between panels and accessories, and attach them to the C2 assembly.

03 · VERIFICATION, ADHESIVE AND FINISHING



VERIFICATION VIEW · COMPLETE CUP

ADHESIVE AND FINISHING

- **Adhesive:** KIPOOL 2C (Part A + Part B), 8:1 mix.
- **Ladder:** choose a model from the catalogue and stick all the surfaces in contact with the glass.
- **Finishing:** with the set dry, apply waterproofing and finishing materials.
- **Installations:** water and electricity pipes, sealing the passages properly.

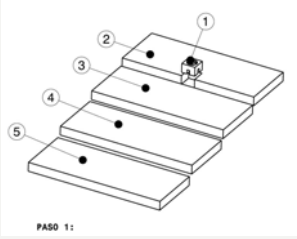
Exploded view and assembly · ESMERALDA Model

EMERALD 3000 × 4800 × 1200 mm · EPS GEOFOAM 250 · 19 PIECES

01 · DESCRIPTION OF ELEMENTS AND NUMBERING

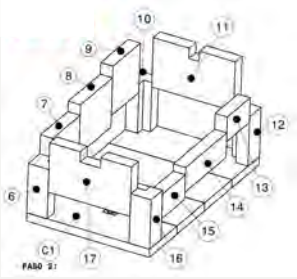
ID	NAME	REFERENCE	BASE DIMENSIONS (mm)	UD
1	Standard floor panel	091023IN-060	3000 × 1200 × 200	3
2	Floor drain panel	091023IN-061	3000 × 1200 × 200	1
3	Smooth side panel	091023IN-071	1200 × 1200 × 300	2
4	Smooth side panel	091023IN-070	1400 × 1200 × 300	1
5	Standard Panel Impellers	091023IN-081	2000 × 1200 × 300	1
6	Panel skimmer	091023IN-083	2000 × 1200 × 300	1
7	Standard smooth half panel	091023IN-080	1800 × 600 × 300	1
8	Half side panel complete.	091023IN-082	1000 × 600 × 300	2
9	Corner	091023IN-0210	500 × 500 × 1200 × 300	4
10	Standard Half Panel Focus	091023IN-085	1400 × 600 × 300	1
11	Half panel complete. focus	091023IN-086	1200 × 600 × 300	2

02 · ASSEMBLY PROCESS



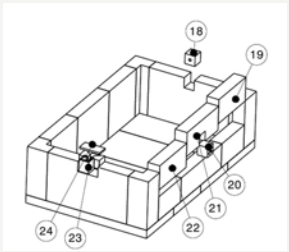
STEP 1 · BASE

Place and adhesive pieces 1 to 5 forming the base of the glass (set C3).



STEP 2 · SET C1

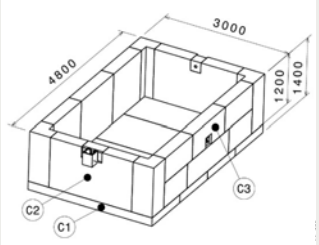
Assemble pieces 6 to 17 in the order indicated; adhesive all the sides in contact and the joint to the C1 assembly.



STEP 3 · SET C2

Assemble pieces 18 to 24 and adhesive all the contact surfaces between panels and accessories, and the joint to the C2 assembly.

03 · VERIFICATION, ADHESIVE AND FINISHING



VERIFICATION VIEW · COMPLETE CUP

ADHESIVE AND FINISHING

- **Adhesive:** KIPOOL 2C (Part A + Part B), 8:1 mix.
- **Ladder:** choose a model from the catalogue and stick all the surfaces in contact with the glass.
- **Finishing:** with the set dry, apply waterproofing and finishing materials.
- **Installations:** water and electricity pipes, sealing the passages properly.

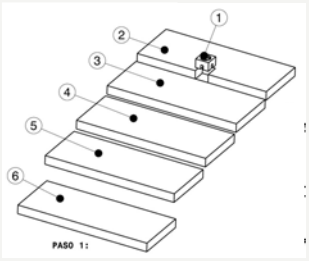
Exploded view and assembly · FIJI model

FIJI 3000 × 6000 × 1200 mm · EPS GEOFOAM 250 · 19 PIECES

01 · DESCRIPTION OF ELEMENTS AND NUMBERING

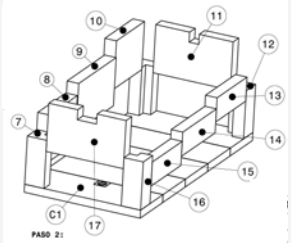
ID	NAME	REFERENCE	BASE DIMENSIONS (mm)	OUT
1	Standard floor panel	091023IN-060	3000 × 1200 × 200	3
2	Floor drain panel	091023IN-061	3000 × 1200 × 200	1
3	Smooth side panel	091023IN-073	1500 × 1200 × 300	2
4	Smooth side panel	091023IN-072	2000 × 1200 × 300	1
5	Standard Panel Impellers	091023IN-081	2000 × 1200 × 300	1
6	Panel skimmer	091023IN-083	2000 × 1200 × 300	1
7	Standard smooth half panel	091023IN-080	1800 × 600 × 300	3
8	Half side panel complete.	091023IN-084	1600 × 600 × 300	2
9	Corner	091023IN-0210	500 × 500 × 1200 × 300	4
10	Standard Half Panel Focus	091023IN-085	1400 × 600 × 300	1

02 · ASSEMBLY PROCESS



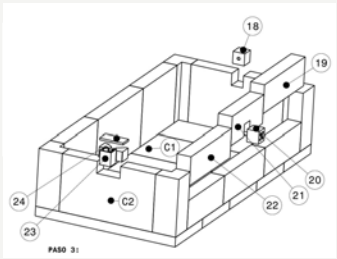
STEP 1 · BASE

Place and glue pieces 1 to 6 forming the base of the glass (C3 set).



STEP 2 · SET C1

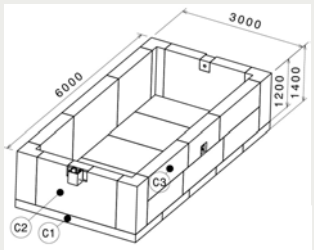
Assemble pieces 7 to 17 in the order indicated; adhesive all the faces in contact and the joint to the C1 assembly.



STEP 3 · SET C2

Assemble pieces 18 to 24 and adhesive all the contact surfaces between panels and accessories, and the joint to the C2 assembly.

03 · VERIFICATION, ADHESIVE AND FINISHING



VERIFICATION VIEW · COMPLETE CUP

ADHESIVE AND FINISHING

- **Adhesive:** KIPOOL 2C (Part A + Part B), 8:1 mix.
- **Ladder:** choose a model from the catalogue and stick all the surfaces in contact with the glass.
- **Finishing:** with the set dry, apply waterproofing and finishing materials.
- **Installations:** water and electricity pipes, sealing the passages properly.

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03

ADVANTAGES OF THE SYSTEM

System Advantages

Technical, energy and logistical benefits compared to conventional solutions.

Advantages of the Stone Feel KIPool system

01
Speed of execution
Modular kit installation in 1–2 weeks

02
Reduction of indirect costs
Less labor, deadlines and guilds on site.

03
Sustainability
100% recyclable EPS and zero waste on site.

04
Energy efficiency
Natural insulation (λ 0.034) and air conditioning savings.

05
Weight reduction
Density 25–35 kg/m³ and lower structural load.

06
Ease of logistics
Optimised single shipment, tailor-made comprehensive package.

07
Reduced waste generation
Exact amount of material per project.

08
Reduced maintenance
Continuous, sealed and water-repellent surface.

09
Seamless continuous design
Stone, organic, monolithic mineral finish with premium aesthetics.



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04

TECHNICAL COMPARISON

Technical comparison

Stone Feel KIPool in front of the gunite concrete pool and the conventional prefabricated pool.

Technical system comparison

Criteria	Gunite concrete	Conventional prefabricated	Stone Feel KIPool
Runtime	4–8 weeks	2–4 weeks	**1–2 weeks**
Structural Weight/Load	Very high	Medium	**Very Low (EPS)**
Thermal insulation	Low (thermal bridge)	Low–medium	**High (λ 0.034 W/m·K)**
Finishing	Mosaic tile with joints	Mold Gelcoat/ Fiber	**Continuous stone without joints**
Logistics	Multiple trucks	Special transport and/or crane	**1 shipment = 1 kit**
Operating cost	High	Medium	**Reduced**
Customization	Medium (formwork)	Low (Standard Mold)	**High (modular + 19 finishes)**
Durability	High (attached to joints)	Medium (gelcoat)	**High (monolithic)**
Environmental impact	High (waste/CO_2)	Medium	**Reduced (zero waste)**



05

AVAILABLE MODELS

Available models

Six standard models of Geofoam 250 structure, with technical studies carried out.

Available models

Model	Width	Long	High	Recommended Application
Azores	2400 mm	2400 mm	900 mm	Spa / plunge pool · penthouses and small terraces
Bali	2400 mm	3600 mm	900 mm	Single-family homes · medium-sized gardens
Capri	2400 mm	4800 mm	900 mm	Short swimming pool · residential use
Dominica	3000 mm	3600 mm	900 mm	Spacious family · Boutique hotels
Emerald	3000 mm	4800 mm	1200 mm	Greater depth · sports / wellness use
Fiji	3000 mm	6000 mm	1200 mm	Swimming pool · Hotels and wellness centres

ACCESSORIES (OPTIONAL)

- Skimmer and drainage.
- Focuses and drivers.
- Integrated stairs.
- Staircase with integrated cabin for installations.

Accessories (optional)



Accessories and reference weights

GEOFOAM EPS 250 · VOLUME WITH ≥ 25% WASTE INCLUDED

01 · CUP WEIGHTS PER MODEL

NAME	MODEL	DIMENSIONS (mm)	m³ EPS	WEIGHT (kg)
01-MNP-EXT-A2400X2400XH900	AZORES	2400 × 2400 × 900	5	140
02-MNP-EXT-A2400X3600XH900	BALI	2400 × 3600 × 900	6	168
03-MNP-EXT-A3000XL3600XH900	DOMINICA	3000 × 3600 × 900	6,5	182
04-MNP-EXT-A2400X4800XH900	CAPRI	2400 × 4800 × 900	7,5	210
10-KIPOOL-EXT-A3000XL4800XH1200	EMERALD	3000 × 4800 × 1200	10	280
11-KIPOOL-EXT-A3000XL6000XH1200	FIJI	3000 × 6000 × 1200	11,5	322

02 · ACCESSORIES · LADDERS IN GEOFOAM EPS 250

TYPE	NAME	m³ EPS	APPROX. WEIGHT (kg)
MINI POOL	091023IN-040-ESCALERA-LONG-1900	1,7	47
MINI POOL	091023IN-042-ESCALERA-LONG-3000	2	56
MINI POOL	ESCALERA-NOSEN: 091023IN-041A + 041B	1	28
KIPOLE	091023IN-099-ESCALERA-LONG-L2400XA400XH1080	1,5	42
KIPOOL	LADDER-A2400XL1200XH1080: 090 + 091 + 092	2,5	70

03 · APPLICATION CRITERIA

PRESCRIPTION NOTES

- **Volumes:** Them³ of EPS indicated includes at least 25% manufacturing waste.
- **Weights:** Approximate values of the set of panels in GEOFOAM EPS 250, dry and unfinished.
- **Stairs:** Supplied as a standalone accessory; it sticks to the cup on all contact surfaces.
- **Prices:** Exworks, ask your salesperson for the Professional PVP Rate 2026.
- **Prices:** Do not include transport, assembly or taxes.
- **Terraces and rooftops:** Itis dispensable to set up swimming pools on terraces and rooftops with a corresponding report or technical study.
- **Supply clauses:** This prescription is for guidance purposes only and is offered only as a technical recommendation. The company does not assume any responsibility for the execution, interpretation, application, modifications on site or improper use of the information contained herein. The verification and design by an expert prescriber, by means of a report or technical study is mandatory and our company is not responsible for such supervision or issuance. The correct installation, verification of the support, compliance with the technical sheets and control of the working conditions are the sole responsibility of the applicator or executing company or corresponding Project Management (DF), as well as any result derived from its action.
- **Responsibility:** This document is non-binding and must be validated by a competent technician according to the real conditions of the project. The execution of a system of these characteristics requires rigor and uncompressed work times. Without these guarantees, the continuity of the work cannot be carried out with the required quality.

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06

FINISH LIST

Finish list

Stone Feel Pool range: fine, coarse finishes and special decorative aggregates.

06 · FINISH LIST

Stone Feel Pool finish range


Neutral Fine


Fine Straw

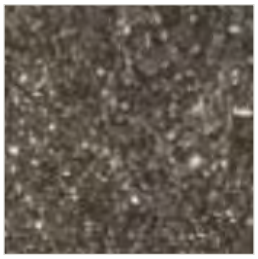

Grey Fine Base


Fine Silver


Fine Earth


Neutral Coarse


Thick straw


Gray Thick Base

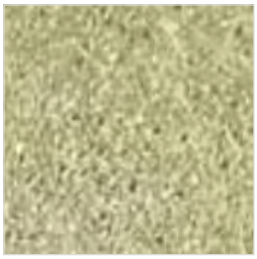

Chunky Silver

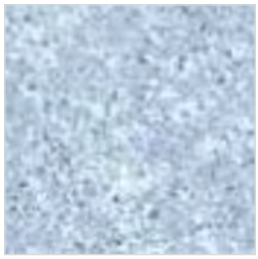

Thick Earth


Your Pierre Gr.


Thick Bone


Thick Jade


Thick Green


Thick Blue


Arid River


Multicolor


Blue


Topaz

Thin: smooth surface, minimalist cement-like aesthetic. **Coarse:** marked texture and granulometry, non-slip.
Special: quartz and glass aggregates with natural stone effect.

Color finishes with water · Stone Feel Pool

Coating color	Approximate color of the water in the pool
TOM PIERRE GRUESO	
JADE GRUESO	
VERDE GRUESO	
GRIS BASE GRUESO	
PLATA GRUESO	
AZUL GRUESO	
PAJA GRUESO	

Coating color	Approximate color of the water in the pool
NEUTRO GRUESO	
TIERRA GRUESO	
NEUTRO FINO	
TIERRA FINO	
GRIS BASE FINO	
PAJA FINO	
PLATA FINO	



* Final look of each Stone Feel Pool finish with the glass filled with water. Actual shade may vary depending on depth, lighting, and environment.

Stone Feel Pool finish range



Single-family home
Compact vessel with continuous crowning and solarium in cement grey.

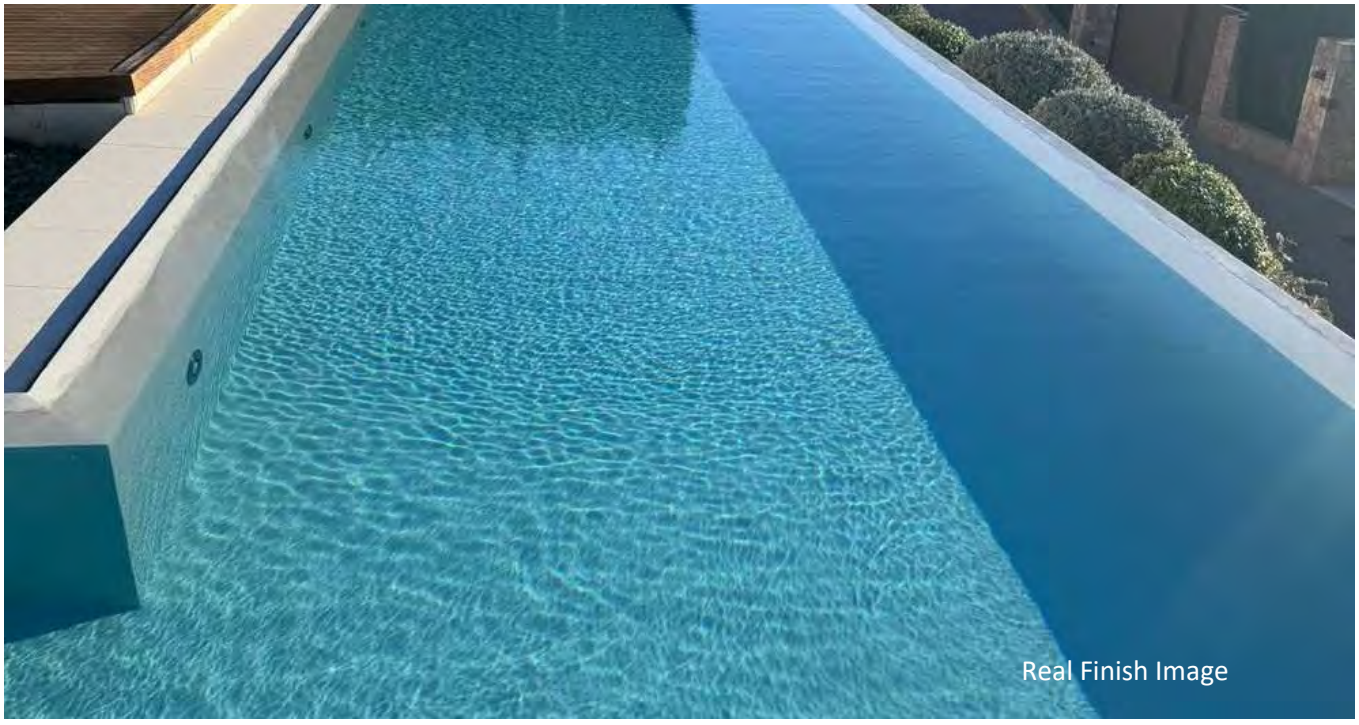


Single-family home
Compact vessel with continuous crowning and solarium in cement grey.

Stone Feel Pool finish range



Single-family home
Compact glass with continuous crowning and solarium in beige color.

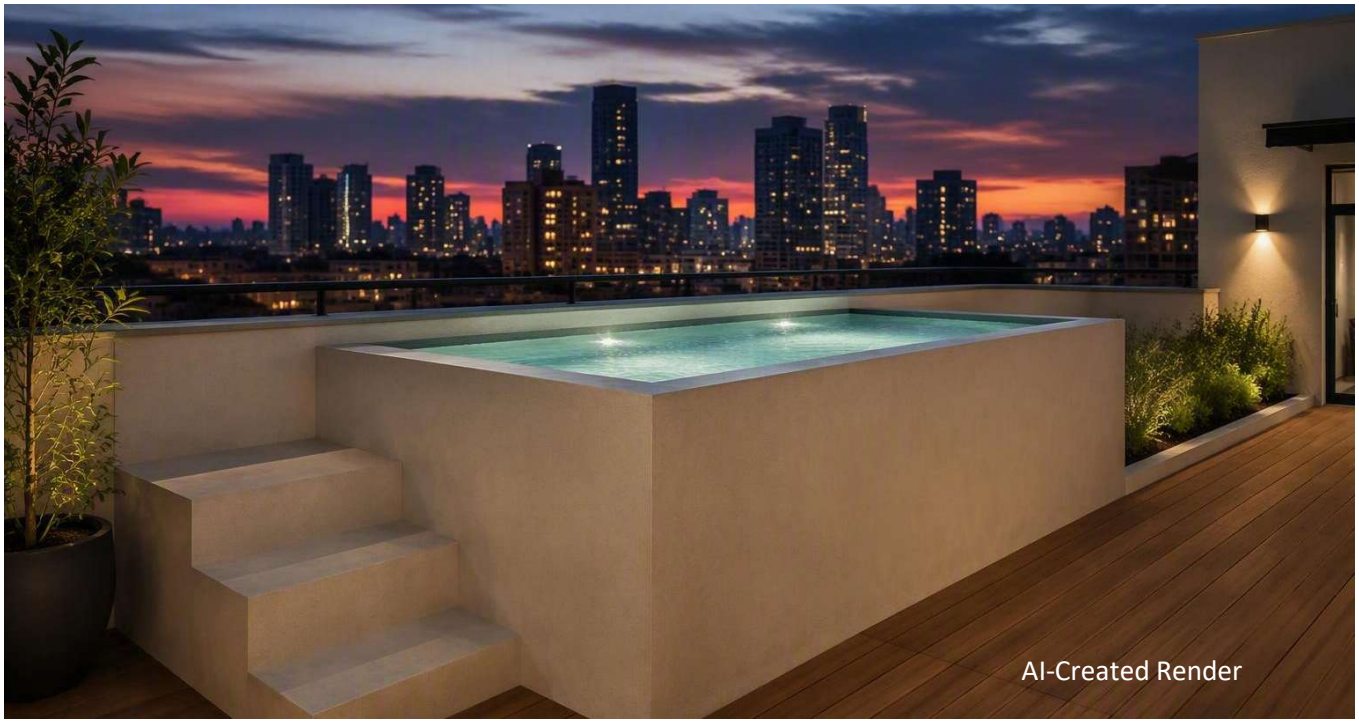


Single-family home
Compact vessel with continuous crowning and solarium in light grey.

Applications · Private Residential



Single-family home
Compact pool with continuous crowning and solarium in cement grey.



Urban penthouse
Raised vessel on platform: continuous finish, light and without joints.

Applications · Hospitality & Wellness



Hotel boutique
Mini pool with monolithic non-slip finish.



Spa and wellness
Inner hydrotherapy vessel in sand tone, warm and breathable.

Applications · Tourism and nature



Cottage
Semi-buried basin with a high wall and natural aggregates.

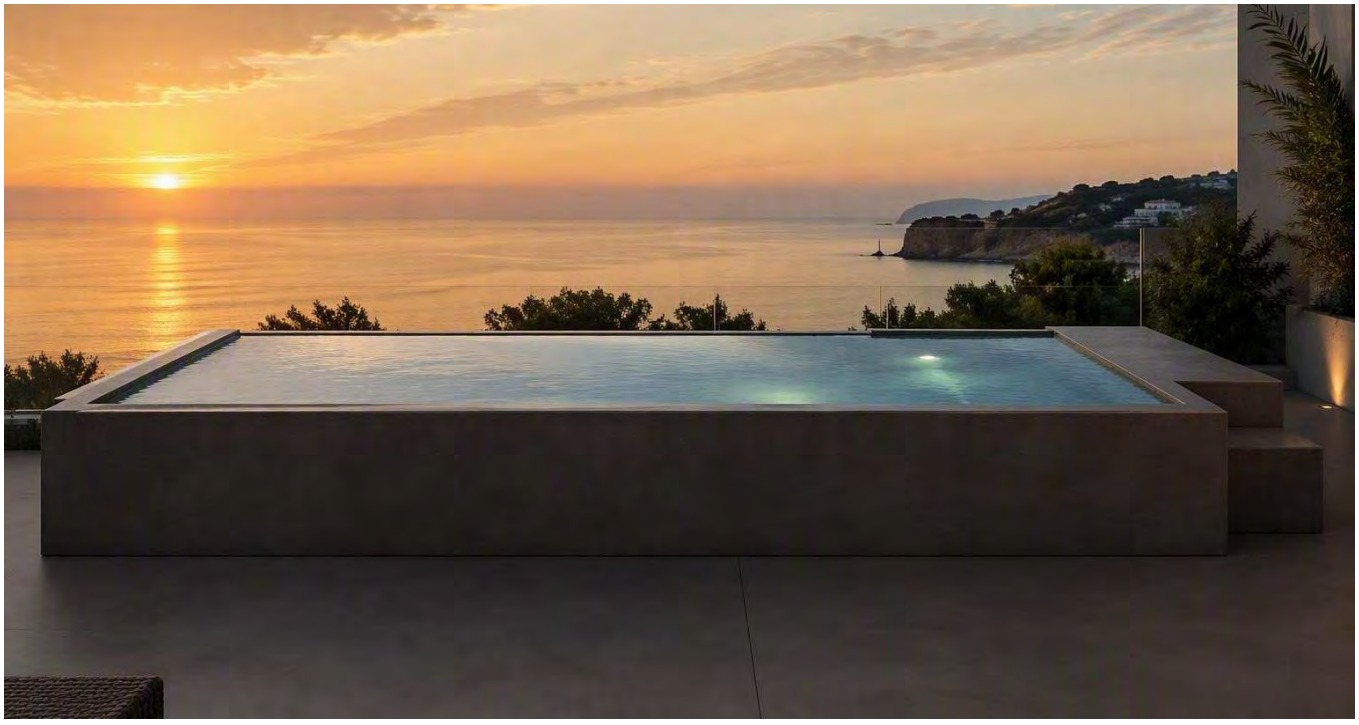


Camping / glamping
Raised vessel on wooden structure and platform.

Applications · Communities & High-End



Community of owners
Compact community pool, non-slip and resistant to chlorination.



Luxury villa
Mini infinity pool, semi-elevated, in anthracite gray.

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07

TECHNICAL SPECIFICATIONS

Technical Specifications

Components, consumption and performance of the complete system.

Technical specifications of the system

Component	Function	Thickness / consumption
Geofoam 250	Modular structure	Modules 900–1200 mm
KIPOOL 2C	Structural adhesive	According to the board
Paviseal 300	Priming/Sealing	Impregnation; 0.100–0.200 kg/m²
Pavigrout R4 Special Swimming Pools	Regularization	3–5 mm; 8.0 kg/m²
Fiberglass mesh	Anti-crack reinforcement	Embedded; 160 g/m²
Stone Feel Pool Base	Waterproofing	2–3 mm; 5.0 kg/m²
Stone Feel Pool Fine / Coarse	Stone mineral finish	2–3 mm; 3.0 kg/m²
Lithium Silicate	Densifier	Impregnation; 0.100–0.200 kg/m²
Paviseal 700	Water repellent	Impregnation; 0.015 kg/m²

SYSTEM FEATURES

Classification of use	**Permanent immersion**
Chemical Resistance	**High · EN 13529**
Salt resistance	**Saline and traditional chlorination**
UV resistance	**Stable outdoors**
Waterproofing	**0.03 kg/m²·h$^{0/5}$**
Water Absorption	**0.003 g/cm² (finish)**
Adhesion	**≥ 1 MPa on support**
Durability in immersion	**Fit, sales resistant**
Reaction to fire	**A1 (Euroclasses)**
Structural recyclability	**100% (EPS)**

Technical specifications of the system

Other relevant accesses and galleries

Stone Feel KIPool modular system
Scan the QR code to access the system page.

– Web Stone Feel KIpool
– Specifications
– Construction Details
– Finishes and Color Chart
– Request for Technical Advice

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08

DECLARATION OF BENEFITS

Declaration of Performance

In accordance with the European Construction Products Regulation (EU) No. 305/2011.

Declaration of Performance (DoP)

Compliant with the European Construction Products Regulation (CPR) No. 305/2011.

1 **Product:** Stone Feel KIPool System Coating.

2 **Type:** RStone Feel Pool cladding (Base + Finish) reinforced with fiberglass mesh to be applied on Geofoam 250 modular structure (EPS AD).

3 **Intended use:** Construction and continuous waterproof lining of swimming pools in permanent immersion.

4 **Manufacturer:** Cía. Española de Hormigones Estampados, S.L. · Pol. Ind. Catalunya Sud 14-1, 43500 Tortosa (Tarragona) · Structure: Knauf Industries

5 **AVCP System:** System 3

6 **Control:** Factory Production Control (CPF) and initial type tests under system 3.

Essential Feature	Provision
Adhesion on support	**≥ 1.0 MPa**
Desgaste A-EN 13892-4	**18 cm³ / 50 cm²**
Impact resistance	**IR = 14.7 N·m**
Bending Strength	**≥ 5 N/mm²**
Compressive Strength	**≥ 20 N/mm²**
Geofoam Compression (σ10)	**≥ 250 kPa**
Waterproofing	**0.03 kg/m²·h$^{0/5}$**
Reaction to fire	**A1 (Euroclasses)**

Harmonised Technical Specification: EN 13813:2003 (CT-C20-F5-A22) · EN 14933 (EPS). Harmonised Reference Standard.

Chemical resistance: SM030 internal test according to EN 13529 — resistant to water, sodium hypochlorite, dilute salts and acids. **Sustainability:** 100% recyclable EPS, ~70% reduction in weight and zero waste on site.

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09

GENERAL TERMS AND CONDITIONS OF SUPPLY

General Terms and Conditions of Supply

General Terms and Conditions of Supply

PURPOSE AND SCOPE OF APPLICATION

1. Purpose and Scope of Application. These general terms and conditions of sale apply to all sales of products made by CIA Española de Hormigones Estampados, S.L. and its associated companies, unless a specific contract is agreed in writing prior to the order. By placing an order, the customer accepts these conditions without reservation, which prevail over any other documents of the buyer, including its own conditions of purchase, unless CIA Española de Hormigones Estampados, S.L. or any of its associated companies accepts otherwise in writing. These conditions are not also applicable to end consumers, since the products are intended for commercial or private use through their online sale. Both documents and catalogs and brochures are for informational purposes only and have no contractual value. This contract is governed by Spanish law. The failure to apply any clause at any time does not imply its future waiver.

2. Orders. An order is considered final only when it is accepted and confirmed by CIA Española de Hormigones Estampados, S.L. or any of its associated companies. The quantities ordered must comply with the standard packaging specified in our catalogues. Orders are irrevocable by the customer, unless CIA Española de Hormigones Estampados, S.L. or any of its associated companies accepts a modification in writing. Any accepted modification may affect the delivery times initially agreed.

3. Sale Price. Products are invoiced at the rates in effect on the date of the order. Any changes to the rates will be automatically applied on the date specified in the new rate and published on the www.pavistamp.com site. Prices quoted per quantity may vary if the order is for a smaller quantity. All prices are net, excluding tax, and are understood with standard packaging included.

4. Deliveries. Delivery times are indicative and depend on factors such as supply, availability of carriers and order order. The seller can make partial or complete deliveries. Delays in delivery do not imply penalties, compensations or cancellation of the order. Our company can provide an approximate delivery date, which may vary for orders of high turnover products received before 12:00 hrs. from 72 to 96 hours in orders of miscellaneous material, pending production or low rotation or even 24 - 48 Hrs. for orders of high turnover and in stock. For orders of customized product, Balearic Islands, Canary Islands and Export, check delivery and availability periods. Times are taken into account in working days. In certain extreme cases, we will particularly advise of delays longer than these periods or more than 15 days. The buyer must verify quantities at the time of delivery and notify any claims by certified mail within 48 hours of receipt.

5. Transport and Claims. Our goods are delivered "ex-works" and travel at the risk of the recipient (EXW from our facilities in L'Aldea or Tortosa, Tarragona, Spain). The risk is transferred to the buyer when the products are delivered to the carrier. The customer must examine the order upon receipt and, in case of discrepancies, make the necessary reservations with the carrier and notify CIA Española de Hormigones Estampados, S.L. within 3 days. If no claims are submitted within this period, the order will be considered accepted. The liability of CIA Española de Hormigones Estampados, S.L. for incidents during transport is excluded, even if the carrier was chosen by us. If a non-conformity is confirmed after an inspection, the customer can only request the replacement of the non-conforming products or the delivery of the missing ones. Claims do not relieve the customer of payment for the goods. The customer cannot return goods without the prior written agreement of our company. In case of accepted return, a 10% discount will be applied on the price of the returned products and the shipping will be borne by the customer.

Complaints for quality defects must be notified by registered mail within 10 days of being detected. Our liability is limited to the actual value of the product supplied. Claims are not accepted after 28 days from the application of the product on site. Users must follow the recommendations for use to assume full responsibility for their application, and can download the user manuals, prescription or technical data sheets from our website www.pavistamp.com or request it directly from the company.

6. Payment Methods. All our invoices will be paid within 30 days, with the due date on the invoice. Any amount unpaid when due will give rise to the payment by the customer of a late payment equivalent to the most recent ECB (European Central Bank) refinancing rate increased by 10 points (Article 7.1. of Law 3/2004, of 29 December, which establishes measures to combat late payment in commercial transactions). A global collection compensation of 30 euros will also be applied (Article 8 of the aforementioned Law). These penalties will accrue automatically and may be demanded after sending a request.

General Terms and Conditions of Supply

PURPOSE AND SCOPE OF APPLICATION

In the event of late payment, all remaining sums due shall be immediately due, regardless of the method of payment envisaged, reserving the right to suspend or cancel orders and deliveries in progress, without prejudice to any other remedy. If our company has reason to fear difficulties in payment by the customer on the date of the order or subsequent to it, or even if the customer does not present the same guarantees as on the date of acceptance of the order, our company may make the acceptance of the order or the continuation of its execution subject to a cash payment or to the presentation, by the customer, of sufficient security in favour of our company.

7. Reservation of Title. Until full payment is made, the seller retains ownership of the products supplied. If the customer resells the products, we retain the right to collect the amount of the sale. In the event of non-payment, we have the right to recover the products where they are, under the supervision of the customer, to compensate for the debt created, as long as the material is in good condition, under the correct storage conditions and without expiration of its expirations, these being valuable causes to make the updated cost recalculations.

8. Warranties. Our warranty is limited to conformity with the specifications mentioned in the acceptance of the order. We are not responsible for the results obtained from the use of our products or for accidents that may occur after use. If a defect is recognized, our responsibility is limited to replacing the goods. Claims are not accepted on products that have been modified by the buyer.

9. Force Majeure. The seller may suspend deliveries or terminate the sale in the event of force majeure, such as fire, flood, war, epidemic, strike, or any event affecting production or transportation. These circumstances relieve us of any delivery obligation and suspend the contract without compensation.

10. Jurisdiction. For any incident related to these conditions, the parties submit to the courts and tribunals of Tortosa in Tarragona, Spain.

11. Validity of Conditions. These conditions of sale replace the previous ones and will be in force until any change, which will be previously announced or published on our website: www.pavistamp.com. This information and conditions will help us to have an improvement of scenarios and to be able to offer you a correct service on the production of our products and their improvement. These general conditions are based on our experience, compliance with local, national and EU regulations and laws. If you have any incident, claim or doubt, please contact us through your sales representative or by email: pavistamp@pavistamp.com. Please read these terms to understand how we work, what our conditions are and establish a correct way of working adapted to your organization

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DELEGATIONS AND TRAINING

Delegations and Training

Delegations and Training

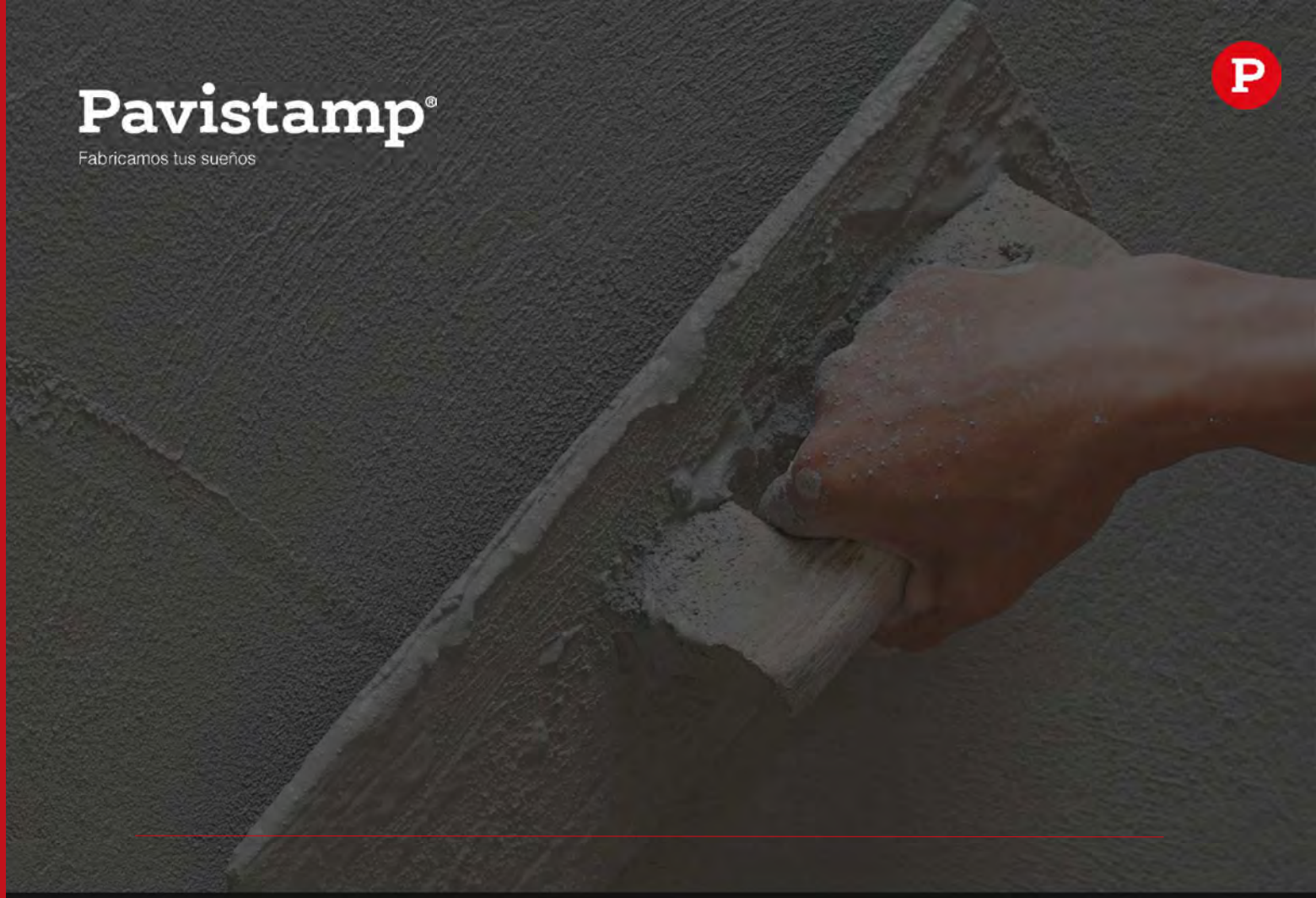


Delegations and Training



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(Tarragona) España | Spain

Paint Factory | Paints Plant
Industrial Pole Southern Catalonia
C/Alt Camp, Nau 44 43500 Tortosa
(Tarragona) Spain | Spain

Showroom | Training Center
Pol. Ind. Mas Roig, 3. Park. 50.
Ctra. L'Aldea - Tortosa 235, Km. 43896.
L'Aldea. (Tarragona) Spain | Spain