

SYSTEM

Stone Feel Pool

Technical Data

01 | PRESCRIPTION

02 | TECHNICAL DATA SHEETS

- Stone Feel Pool Base
- Stone Feel Pool Grueso
- Stone Feel Pool Fino
- Hidrofugante 6772
- Orfapol 50

03 | PERFORMANCE DECLARATION

- Stone Feel + Concrete System
- Stone Feel Concrete System
- Stone Feel Pool System

P R E S C R I P T I O N

Stone Feel Pool System

m2 4 to 5mm THICK CONTINUOUS COATING, INTERIOR and EXTERIOR FOR HIGH WEAR RESISTANCE, SPECIAL SWIMMING POOLS.

Supply and formation of continuous smooth coating of 4 to 5 mm thick approximately, made on concrete or ceramic surface, by applying successive layers: a layer of **Stone Feel Pool base** with fibreglass mesh (two-component mortar for regularisation of supports) of the firm Pavistamp Company or similar according to D. F, two coats of **Stone Feel Pool thick** (decorative acrylic coating) of the firm Pavistamp Company or similar according to D.F., for fine finishes make one or two coats of **Stone Feel Pool fine** (decorative acrylic coating with selected aggregates) of the firm Pavistamp Company or similar according to D. F, the whole system is sealed with **Hidrofugante 6772** (water-based water repellent) from Pavistamp Compañía or similar according to D.F following the manufacturer's instructions. If the substrate has humidity or if you want to prevent possible humidity by capillary rising up to a maximum of 2.5 atm by negative pressure, we will apply two coats of **Ecopox cem plus 3c** with fibreglass mesh (three-component mortar for substrate regularisation and vapour barrier) from Pavistamp Compañía or similar according to D.F. prior to the **Stone Feel Pool system**.

The concrete substrates must be solid, dry (fully cured if new construction 28 days), level, absorbent, not contaminated with oils, detergents, powders or other substances.



TECHNICAL DATA SHEETS

Stone Feel Pool System



• STONE FEEL POOL BASE



• STONE FEEL POOL THICK



• STONE FEEL POOL THIN



• HIDROFUGANTE 6772



• ORFAPOL 50



Stone Feel Pool Base

Two-component waterproof elastic mortar

Special cement, selected aggregates, resins, active components and additives.



Properties

- Waterproofing of concrete in screeds, balconies, swimming pools...
- For waterproofing the base of swimming pools, water tanks...
- Protection of walls exposed to the action of water.
- Suitable for painting, coating...

Observations

- Do not add cement, aggregates or water to the product.
- On surfaces where the product is visible, the vapour release must be taken into account depending on the humidity present in the substrate. This precaution is essential when the application is carried out on absorbent and moisture retentive substrates.
- After application in hot or windy weather, it is advisable to protect the surface with tarpaulins to prevent too rapid evaporation or drying.

Characteristics

- Setting time after mixing: 5 min.
- Pot life: ± 60 minutes
- Thickness of application: 2 mm per coat
- Start of setting: ≥ 4 hours
- Waiting time between coats: 4-5 hours
- Wait for tank filling: ≥ 28 days
- Coating - painting: ≥ 24 hours

**These times are given at 20°C and may vary depending on the ambient temperature.*

Performances

- Dosage: Comp. A+B
- Direct tensile adhesion: ± 1 MPa
- Permeability index: 0.03 kg/m² h_{0.5}
- CO₂ permeability: 4.5 g/m²-d
- Crack resistance: Class A5
- Water vapour transmission: 1.9 mg/h
- Water vapour transmission rate: 4.9 g/m² * d
- Water vapour permeance coefficient: 6,4E-04g/m²xdayxPa
- Determination of tensile properties:
 - Strength: 1.6 MPa
- Fire behaviour: A1 euroclass

**These results were obtained under standard conditions and may vary depending on the installation.*

Applications

- Two-component, waterproof mortar for concrete, plaster and cementitious screeds.
- Waterproofing of concrete tanks for water, salt water.
- Waterproofing of showers, bathrooms, swimming pools... prior to the installation of ceramic or cementitious cladding.
- Waterproof and protective wall cladding.
- In all cases the **Stone Feel Pool Base** will be covered by the final finish.

Supports

- Concrete, precast concrete, plastering, ceramics.

Recommendations

- Application temperatures between 10 - 30°C
- Protect from rain or accidental water spillage during the first 24 hours after application.
- Place mesh in the middle of the coating.
- When waterproofing tanks for permanent contact with water, wait for the mortar to dry completely (< 4% humidity) and wash with hot water before use.
- If necessary, repair the damage with **Pavigrout** repair mortar.
- Avoid application when there is a risk of rain, frost, strong wind, direct sunlight...

Performance conditions

- The substrates shall be sound, clean, free of grout and release agents, on cementitious substrates fully cured ≥ 28 days.
- On cementitious substrates fully cured ≥ 28 days.
- If necessary, wash with pressurised water or sandblast to ensure perfect adhesion.
- Substrates shall have good flatness, without cracks or uneven areas.
- For the waterproofing of floor and wall coverings, stoneware, terrazzo, etc., these must be well adhered to the substrate and free of substances that may alter the adhesion.
- Treat the singular points with the appropriate mesh.
- Moisten the substrate before application.
- Avoid application in strong wind or direct sunlight.
- It is compulsory that the coating must be covered.

Stone Feel Pool Base

Two-component waterproof elastic mortar

Usage way



Pour in the liquid **component B** and slowly add the powder (25 kg bag) until a homogeneous, lump-free mass is obtained.



Apply with a trowel in 3 passes at minimum thickness. If necessary, place the appropriate mesh in the middle of the coating.



On the sides, overlap according to the structural support.

**Suitable for machine projection.*

Related products

- Stone Feel Pool
- Componente B

STONE FEEL POOL BASE

MORTERO BICOMPONENTE
IMPERMEABLE ELÁSTICO

Pavistamp

Packaging

25 kg sack
1200 kg pallet (48 bags)
Component B: 5 - 20 litre drum

Colors

Colors

Consumption

1,5-2,0kg/m² per coat and depending on the condition of the substrate.

**Consumption may vary depending on the substrate and thickness.*

Conservation

Sack (powder): Original closed container, protected from weather and humidity: 1 year.

Component B (liquid): Original closed container, protected from weather and humidity: 1 year

⚠ IMPORTANT

The remarks and prescriptions in this data sheet, although corresponding to our best experience, should in any case be considered purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.

Stone Feel Pool

Renovation of all kinds of surfaces

Special cement, mineral fillers, additives, resins and pigments.



Properties

- Resistant to salts in immersion
- High chemical resistance
- Continuous coating
- Seamless
- Waterproof and breathable
- Indoors and outdoors

Observations

- Do not add water or any other additive to the mortar.
- Treat singular areas (cracks...) with fibreglass mesh.
- Do not apply directly on brick or concrete block walls...
- Do not apply with the possibility of water rising by capillarity.
- Do not apply on surfaces with humidity >4%.
- This product is not resistant to acids, aggressive cleaning products, aggressive chlorine in direct contact (outside the skimmer) with the pool water.

Characteristics

- Mixing time: ± 30 minutes
- Open time: ± 15 minutes
- Thickness: 2 - 6 mm
- Dry to touch: 2-4 hours
- Putting into service: 7-21 days (depending on finish)

*** These times are given at 20°C and may vary depending on the ambient temperature.*

Performances

- Bulk density: 1.1 g/cm³
- Adhesion UNE-EN 1015-12: 0.98 N/mm²
- Abrasion wear: ≤ 21 mm
- Water absorption by capillarity: 0.003 g/cm²
- Freeze-thaw with salts: 0.02 kg/m²
- Fire performance: A1 euroclass

**All the above information has been obtained from standard tests and may vary depending on the conditions of installation.*

Applications

- Coloured mortar with aggregates for the renovation of swimming pools, walls, floor coverings...high chemical resistance and resistant to salts.
- For exterior and interior use.
- Thickness.
- Continuous coating without joints.

Supports

- On **Stone Feel Pool Base**.

Acabado

- Pulido, fratasado, liso...

Recommendations

- Application temperatures 10°C to 30°C.
- Always respect the same percentage of liquid + powder during mixing.
- Do not add water to the product.
- Respect expansion and retraction joints.
- Do not apply when there is a risk of frost, direct sunlight, strong wind or rain.

Performance conditions

- On concrete surfaces, these must be flat and clean, without remains of grout, release agents...
- The mortar base, concrete... must be completely set (≥ 28 days) and humidity < 4 %.
- Once the surface has been levelled and prepared, apply the mortar until the desired thickness is achieved.
- On non-absorbent surfaces, sand and open pores, vacuum and if necessary before coating, apply 1-2 coats of **F-300** rapid primer.
- In exteriors, do not apply in direct sunlight, wind, risk of rain or possibility of freeze-thaw.
- Avoid application at low temperatures, as the risk of efflorescence due to carbonation increases in the hours following the application of the mortar.

Stone Feel Pool

Renovation of all kinds
of surfaces

Usage way

Mixing ratio:

* Powder + liquid.

Mix the 2 components for ± 5 minutes with the indicated mixer at low revolutions, until a homogeneous, workable and lump-free mass is obtained, leave to stand for 2 minutes.

Apply with a steel trowel, until the desired thickness is achieved.



Once the surface is completely dry >10 days and with humidity <4%, apply **Litix Water Repellent**.

***Repeat the process as many times as necessary until the desired effect is achieved.*

Related products

- Stone Feel Pool Base
- Componente B (liquido)
- Litix Water Repellent

STONE FEEL POOL

RENOVACIÓN DE TODO
TIPO DE SUPERFICIES

Pavistamp

Packaging

25 kg sack
1200 kg pallet (48 bags)
Component B: 5 - 20 litre drum

Colors

Colors

Consumption

The consumption can vary considerably
depending on the aggregate

*Consumption may vary depending on the
substrate and thickness.

Conservation

Sack (powder): Original closed container, protected from
weather and humidity: 1 year.

Component B (liquid): Original closed container, protected
from weather and humidity: 1 year

⚠ IMPORTANT

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Water Repellent 6772

Water-repellent oleofugant

Compound by Fluorinated Silane-Siloxane in water solution for the construction material treatment giving a finish repellent to water and oils.



Product

- Repellent to water and oils effect.
- Does not modify the existing color.
- Avoid efflorescences
- Breathable.
- Mortars, marble, stone, clinker brick.

Enforcements

- Excellent penetration.
- Avoid the stains appearance.
- To be used for the water-repellent and oleofugant of materials **Stone feel**
- – **Stylfloor – Pavistamp floor**, Pavicem, marble, natural stone, granite, mortars, brick...
- Permeability to water steam.

Usage way

***Always perform tests before using the product**

***Dilute with water;**

1 part of **Water-repellent 6772** / 7-14 water parts.

- In recently worked surfaces, wait at least 30 days, before proceeding to the treatment.

- Apply 1-2 pass with mop, airless, conventional spray..., after 8 hours (minimum), proceed with the brightening machine ultra quick until obtaining the more uniform to the support finish

- Generally, an only pass is enough, over porous surfaces, if it was necessary, a second pass can be applied when the brightness effect of the first one disappears.

- Avoid direct insolation.

**All the information described has been obtained with standard essays and can oscillate depending on the workplace conditions and the absorption of each product to be treated.*

Observations

- The support must be dry, healthy, clean and without dust.
- Avoid splashes in the eyes, mucous and skin contact
- Use protection glasses and gloves.
- Protect all the surfaces that are not going to be waterproofed and/or supports that are not concretely cementitious.

Performances

- Active material: 45%
- Flashpoint: > 100°C
- Viscosity (to 25°C): < 50 mPas (cP)
- Density (a 25°C): approx. 1.1 g/cm
- Diluting: water

! IMPORTANT

The observations and prescriptions of this technical sheet, even corresponding to our best experience, should be considered, in any case, purely indicative, and must be tested by exhaustive practical applications; Therefore, before using the product, whoever is going to do it must establish whether it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product is handled or applied, the manufacturer will not assume any claim, nor will it be responsible for the form, mode and conditions of application.



Packaging

5 kg drum
360 kg pallet (72 drums)

Colors

Milky white

Consumption

(once diluted)

1kg: between 5-25 m2 / 1 pass and depending on support

Preservation

(5- 25°C)

In the closed original container and sheltered from outdoors and humidity: 6 months

Associated products

Stone feel - Stylfloor - Terrazo
Pavistamp floor - Micro cement

Orfapol 50®

Polyurethane water resin

Two components polyurethane resin in water base, with polyisocyanate polymers and additives.



Product

- Excellent adherence.
- Highlights the color.
- Great resistance to abrasion.
- Indoors and outdoors.

Characteristics

- Over a completely clean, dry and without dust and grease base...
- Mixture proportion in parts:
 - **10 parts Component A
 - **1 part Component B
- Application temperatures: 10°C and 25°C.
- Relative humidity: <80%
- Over cement base with humidity < 4 %.
- Mixture life: 2 hours
- Opening time: 40-50 minutes
- Minimum drying time: 2 hours, maximum 24 hours.
- Avoid application with direct insolation, strong wind, rain risk, frost...
- Do not apply **Orfapol-50** with capillary rising humidity possibility.

** These times are contemplated with 20°C and they can oscillate depending on the ambient temperature.*

Performances

- Density: 1,00 – 1,05 g/ml 25°C
- Flashpoint: Not applicable
- Recommended diluting: Water

Enforcements

- Resin cured in water base for wall and floor protection.
- Waterproof and breathable.
- Excellent color highlighter.
- Does not get stained.
- Facilitate lower dirtiness retention.
- Indoors and outdoors.

Supports

- Concrete, mortar, wood, **Pavistamp Floor**, Microcement.

Orfapol 50®

Polyurethane water resin

Usage way

Over a completely clean, dry and without dust and grease base...

With roller, pistol, airless. Sand the surface to facilitate the adhesion.

Spill components **A+B** in the same recipient and mix carefully with mechanical shaker. Let it rest during 10 minutes.

Apply without overloading, waiting at least 45-60 minutes between layers. Avoid a too thick layer as it could delay the final characteristics product development (Through drying and water resistance).

It can be diluted to 100% with water.

Associated products

*Floors and walls



Packing

Silky – Matt: pack (A + B) of 5.5 and 11 kg packages

Bright: pack (A + B) of 5 kg

Colors

Standard: transparent
(others on demand)

Appearance

Silky – Matt – Bright

Consumption

±0.1 kg/m² (5 kg= 50m²) y según soporte

Preservation

12 months from the fabrication date, in the closed original package and sheltered from outdoor and humidity.

⚠ IMPORTANT

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PERFORMANCE DECLARATION

Stone Feel Pool System



According to the European Construction Products Regulation (CPR) No 305/2011

- 1 • Product name:

Stone Feel+Concrete System
- 2 • Product type:

Concrete 20N/mm2 (10 cm thick)+4 kg of fibreglass x 3 m3 +Stone feel system with the product PAVISTAMP HD
- 3 • Intended use(s):

Floor construction
- 4 • Name and address of manufacturer:

Cía. Española de Hormigones Estampados, S.L.
| Pol. Ind. Catalunya Sud 14-1, 43500 – Tortosa (Tarragona) España -
www.pavistamp.com
- 5 • System of assessment and verification of the constancy of performance:

System 3
- 6 • Notified Body:

Factory production control (FPC) and initial type tests are carried out under system 3.

7 • Declared benefits:

ESSENTIAL CHARACTERISTICS	PERFORMANCES	HARMONISED TECHNICAL SPECIFICATIONS
Adhesion on concrete	≥1.0 MPa	EN 13813:2003 (CT-C20-F5-A22)
Wear and tear UNE-EN 13892-4: 18 cm3 / 50 cm2	18 cm3 / 50 cm2	
Impact resistance UNE-EN 12663	IR=14,7 N.m	
Polished finish Bush-hammered finish	Class: 1 Class: 3	
Flexural strength Compressive strength	≥ 5 N/mm2 ≥ 20 N/mm2	

- 8 • The performance of the product identified in points 1 and 2 is in conformity with the performance declared in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

CHEMICAL RESISTANCE TESTING

(ref and internal method SM030)

Product name:

DDP SISTEMA STONE FEEL

January 2019

Support: Concrete slab

Mixing: Mechanical

Application: Pouring + Levelling + Polishing + Sealing

Conditioning: 5-35° C

Ambient temperature: 20 °C



Change / Alterations after exposure

Chemicals (in-house)	GR	24 hours	2 days	3 days	7 days	24 days
Water		1		1	1	
Hydrogen Peroxide 13 vol.		1		5	-	
Acetone		1		1	1	
Ethanol 96%	GR5	2-3		2-3	-	
Coffee		2		2	2	
Sodium hypochlorite	GR13	2-3		2-3	-	
Coca-Cola		1		1	1	
Olive Oil		1		1	1	
Sodium chloride (sat. sol.)	GR12	1		1	1	
Ketchup		1		1	1	
Red wine		3		5	-	
Chemicals (acids)						
Acetic acid sol.10%	GR9	4-5		-	-	
Acetic acid sol.20%	GR10	4-5		-	-	
Citric acid sol.20%	GR10	1		3	-	
Hydrochloric acid sol.5%	GR9	5		-	-	
Hydrochloric acid sol.10%	GR9	5		-	-	
Hydrochloric acid sol.37%	GR10	4-5		-	-	
Phosphoric acid 5%	GR9	4-5		-	-	
Phosphoric acid 10%	GR9	4-5		-	-	
Phosphoric acid 40%	GR10	4-5		-	-	
Lactic acid sol.10%	GR9	5		-	-	
Lactic acid sol.20%	GR10	5		-	-	
Nitric acid sol.20%	GR10	4-5		-	-	
Nitric acid sol.50%	GR10	4-5		-	-	
Sulphuric acid 5%	GR9	5		-	-	
Sulphuric acid 10%	GR9	5		-	-	
Sulphuric acid 20%	GR10	5		-	-	
Ammonia sol.5%	GR13	1		1	1	
Ammonia sol.10%	GR13	1		1	1	
Sodium hydroxide sol.50%	GR11	1		1	1	
Solvent Products						
Butyl glycol	GR5a	3		-	-	
Methyl ethyl ketone (MEK)	GR7	1		1	1	
DMM	GR5a	1		1	1	
Butyl-diglycol acetate (BDGA)	GR7	1		1	1	
RPDE	GR7	3		-	-	
Solvesso 100	GR4	1		3	-	
White spirit 60	GR4	1		1	1	
TMP	GR5a	1		1	1	
Acetato de etilo	GR7	2		2	2	
Xileno	GR4	3		-	-	



Change / Alterations after exposure

Oils / Lubrication	GR	24 hours	2 days	3 days	7 days	24 days
Fuel oil	PG4	1		1	1	
Diesel oil	PG4	1		1	1	
Engine oil	PG4	1		1	1	
Jet-a fuel	PG4	1		1	1	
Brake oil	PG4	1		1	1	
Hydraulic oil	PG4	1		1	1	
Kaerosene	PG4	1		1	1	

GR: group in reference to EN 13529.

Grade of resistance:

- 1. no change
- 2. Colour change / haze
- 3. Softening
- 4. Blistering
- 5. Destruction of the film.

D/C Internal laboratory,

NOTE

- Resistance rating 2 refers only to the aesthetic and surface appearance. It does not affect the mechanical performance of the product.
- Resistances in real cases are usually higher, in particular for solvents: the contact time is reduced by evaporation or cleaning.

PERFORMANCE DECLARATION

Stone Feel Pool System



According to the European Construction Products Regulation (CPR) No 305/2011

- 1 • Product name:
Stone Feel Concrete System
- 2 • Product type: Gunité concrete >25N/mm2 (20 cm thick)+ reinforced with fibreglass or mesh 15x15x0.8 + Stone Feel Pool System (Stone Feel Pool Base + Stone Feel Concrete Finish)
- 3 • Intended use(s): Construction of floors, walls, furniture... interior-external cladding on

- concrete, waterproof plasterboard or OSB3 wood substrates.
- 4 • Name and address of manufacturer: Cía. Española de Hormigones Estampados, S.L. | Pol. Ind. Catalunya Sud 14-1, 43500 – Tortosa (Tarragona) España - www.pavistamp.com
- 5 • System of assessment and verification of the constancy of performance: System 3
- 6 • Notified Body: Factory production control (FPC) and initial type tests are carried out under system 3.

7 • Declared benefits:

ESSENTIAL CHARACTERISTICS	PERFORMANCES	HARMONISED TECHNICAL SPECIFICATIONS
Adhesion on concrete	≥1.0 MPa	EN 13813:2003 (CT-C20-F5-A22)
Wear and tear UNE-EN 13892-4: 18 cm3 / 50 cm2	18 cm3 / 50 cm2	
Impact resistance UNE-EN 12663	IR=14,7 N.m	
Polished finish Bush-hammered finish	Class: 1 Class: 3	
Flexural strength Compressive strength	≥ 5 N/mm2 ≥ 20 N/mm2	

- 8 • The performance of the product identified in points 1 and 2 is in conformity with the performance declared in point 7.
- This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

CHEMICAL RESISTANCE TESTING

(ref and internal method SM030)

Product name:

DDP SISTEMA STONE FEEL

June 2022

Support: Concrete slab

Mixing: Mechanical

Application: Pouring + Levelling + Polishing + Sealing

Conditioning: 5-35° C

Ambient temperature: 20 °C



Change / Alterations after exposure

Chemicals (in-house)	GR	24 hours	2 days	3 days	7 days	24 days
Water		1		1	1	
Hydrogen Peroxide 13 vol.		1		5	-	
Acetone		1		1	1	
Ethanol 96%	GR5	2-3		2-3	-	
Coffee		2		2	2	
Sodium hypochlorite	GR13	2-3		2-3	-	
Coca-Cola		1		1	1	
Olive Oil		1		1	1	
Sodium chloride (sat. sol.)	GR12	1		1	1	
Ketchup		1		1	1	
Red wine		3		5	-	
Chemicals (acids)						
Acetic acid sol.10%	GR9	4-5		-	-	
Acetic acid sol.20%	GR10	4-5		-	-	
Citric acid sol.20%	GR10	1		3	-	
Hydrochloric acid sol.5%	GR9	5		-	-	
Hydrochloric acid sol.10%	GR9	5		-	-	
Hydrochloric acid sol.37%	GR10	4-5		-	-	
Phosphoric acid 5%	GR9	4-5		-	-	
Phosphoric acid 10%	GR9	4-5		-	-	
Phosphoric acid 40%	GR10	4-5		-	-	
Lactic acid sol.10%	GR9	5		-	-	
Lactic acid sol.20%	GR10	5		-	-	
Nitric acid sol.20%	GR10	4-5		-	-	
Nitric acid sol.50%	GR10	4-5		-	-	
Sulphuric acid 5%	GR9	5		-	-	
Sulphuric acid 10%	GR9	5		-	-	
Sulphuric acid 20%	GR10	5		-	-	
Ammonia sol.5%	GR13	1		1	1	
Ammonia sol.10%	GR13	1		1	1	
Sodium hydroxide sol.50%	GR11	1		1	1	
Solvent Products						
Butyl glycol	GR5a	3		-	-	
Methyl ethyl ketone (MEK)	GR7	1		1	1	
DMM	GR5a	1		1	1	
Butyl-diglycol acetate (BDGA)	GR7	1		1	1	
RPDE	GR7	3		-	-	
Solvesso 100	GR4	1		3	-	
White spirit 60	GR4	1		1	1	
TMP	GR5a	1		1	1	
Acetato de etilo	GR7	2		2	2	
Xileno	GR4	3		-	-	



Change / Alterations after exposure

Oils / Lubrication	GR	24 hours	2 days	3 days	7 days	24 days
Fuel oil	PG4	1		1	1	
Diesel oil	PG4	1		1	1	
Engine oil	PG4	1		1	1	
Jet-a fuel	PG4	1		1	1	
Brake oil	PG4	1		1	1	
Hydraulic oil	PG4	1		1	1	
Kaerosene	PG4	1		1	1	

GR: group in reference to EN 13529.

Grade of resistance:

- 1. no change
- 2. Colour change / haze
- 3. Softening
- 4. Blistering
- 5. Destruction of the film.





D/C Internal laboratory,

NOTE

- Resistance rating 2 refers only to the aesthetic and surface appearance. It does not affect the mechanical performance of the product.
- Resistances in real cases are usually higher, in particular for solvents: the contact time is reduced by evaporation or cleaning.

PERFORMANCE DECLARATION

Stone Feel Pool System



According to the European Construction Products Regulation (CPR) No 305/2011

- 1 • Product name:
Stone Feel Pool System
- 2 • Product type: **Gunit concrete >25N/mm2 (20 cm thick)+ reinforced with fibreglass or mesh 15x15x0.8 + Stone Feel Pool system (Stone Feel Pool Base + Stone Feel Pool Finish)**
- 3 • Intended use(s): **Construction of floors, swimming pools, interior-exterior cladding on**

- concrete, waterproof plasterboard or OSB3 wood substrates.**
- 4 • Name and address of manufacturer: **Cía. Española de Hormigones Estampados, S.L. | Pol. Ind. Catalunya Sud 14-1, 43500 – Tortosa (Tarragona) España - www.pavistamp.com**
- 5 • System of assessment and verification of the constancy of performance: **System 3**
- 6 • Notified Body: **Factory production control (FPC) and initial type tests are carried out under system 3.**

7 • Declared benefits:

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Adhesion on concrete	≥1.0 MPa	EN 13813:2003 (CT-C20-F5-A22)
Wear and tear UNE-EN 13892-4: 18 cm3 / 50 cm2	18 cm3 / 50 cm2	
Impact resistance UNE-EN 12663	IR=14,7 N.m	
Polished finish Bush-hammered finish	Class: 1 Class: 3	
Flexural strength Compressive strength	≥ 5 N/mm2 ≥ 25 N/mm2	

- 8 • The performance of the product identified in points 1 and 2 is in conformity with the performance declared in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

CHEMICAL RESISTANCE TESTING

(ref and internal method SM030)

Product name:
DDP SISTEMA STONE FEEL

June 2022

Support: Concrete slab
Mixing: Mechanical
Application: Pouring + Levelling + Polishing + Sealing
Conditioning: 5-35° C
Ambient temperature: 20 °C



Change / Alterations after exposure

Chemicals (in-house)	GR	24 hours	2 days	3 days	7 days	24 days
Water		1		1	1	
Hydrogen Peroxide 13 vol.		1		5	-	
Acetone		1		1	1	
Ethanol 96%	GR5	2-3		2-3	-	
Coffee		2		2	2	
Sodium hypochlorite	GR13	2-3		2-3	-	
Coca-Cola		1		1	1	
Olive Oil		1		1	1	
Sodium chloride (sat. sol.)	GR12	1		1	1	
Ketchup		1		1	1	
Red wine		3		5	-	
Chemicals (acids)						
Acetic acid sol.10%	GR9	4-5		-	-	
Acetic acid sol.20%	GR10	4-5		-	-	
Citric acid sol.20%	GR10	1		3	-	
Hydrochloric acid sol.5%	GR9	5		-	-	
Hydrochloric acid sol.10%	GR9	5		-	-	
Hydrochloric acid sol.37%	GR10	4-5		-	-	
Phosphoric acid 5%	GR9	4-5		-	-	
Phosphoric acid 10%	GR9	4-5		-	-	
Phosphoric acid 40%	GR10	4-5		-	-	
Lactic acid sol.10%	GR9	5		-	-	
Lactic acid sol.20%	GR10	5		-	-	
Nitric acid sol.20%	GR10	4-5		-	-	
Nitric acid sol.50%	GR10	4-5		-	-	
Sulphuric acid 5%	GR9	5		-	-	
Sulphuric acid 10%	GR9	5		-	-	
Sulphuric acid 20%	GR10	5		-	-	
Ammonia sol.5%	GR13	1		1	1	
Ammonia sol.10%	GR13	1		1	1	
Sodium hydroxide sol.50%	GR11	1		1	1	
Solvent Products						
Butyl glycol	GR5a	3		-	-	
Methyl ethyl ketone (MEK)	GR7	1		1	1	
DMM	GR5a	1		1	1	
Butyl-diglycol acetate (BDGA)	GR7	1		1	1	
RPDE	GR7	3		-	-	
Solvesso 100	GR4	1		3	-	
White spirit 60	GR4	1		1	1	
TMP	GR5a	1		1	1	
Acetato de etilo	GR7	2		2	2	
Xileno	GR4	3		-	-	



Change / Alterations after exposure

Oils / Lubrication	GR	24 hours	2 days	3 days	7 days	24 days
Fuel oil	PG4	1		1	1	
Diesel oil	PG4	1		1	1	
Engine oil	PG4	1		1	1	
Jet-a fuel	PG4	1		1	1	
Brake oil	PG4	1		1	1	
Hydraulic oil	PG4	1		1	1	
Kaerosene	PG4	1		1	1	

GR: group in reference to EN 13529.

Grade of resistance:

- 1. no change
- 2. Colour change / haze
- 3. Softening
- 4. Blistering
- 5. Destruction of the film.



D/C Internal laboratory,

A handwritten signature in blue ink, appearing to read 'D. Asunción', is written over a faint, circular blue stamp.

NOTE

- Resistance rating 2 refers only to the aesthetic and surface appearance. It does not affect the mechanical performance of the product.
- Resistances in real cases are usually higher, in particular for solvents: the contact time is reduced by evaporation or cleaning.