

# Beach Feel

## SYSTEM

Swimming pools to experience  
the feeling of being on the beach.

### *Technical Information*

#### 01 | PRESCRIPTION

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## PRESCRIPTION

# Beach Feel System



## M2 SMOOTH CONTINUOUS PAVEMENT OF 4mm THICKNESS.

Supply and formation of **continuous smooth pavement** of 4mm thick approximately, made on concrete surface, by **applying successive layers**: layer of **Pavimper 2C** (waterproofing mortar with fiberglass mesh if necessary by the support) of the firm Pavistamp Company or similar according to D. F, a layer of the mixture of **Pavidur 1C** cor pigmented quartz or selected natural aggregate (single-component hybrid resin free of solvents and fillers with Bfl s1 classification, for the union of aggregates, whether natural or pigmented quartz) of the firm Pavistamp Company or similar according to D.F, the whole system is **sealed** with **Orfapol Plus** (aliphatic polyurethane of high chemical resistance) of the firm Pavistamp Company or similar according to D.F.

The **supports in concrete** must be solid, dry (completely set if they are of new construction 28 days), leveled, absorbent, not contaminated of oils, detergents, powders or other substances.

In case of wanting to treat the humidities to **counter-pressure** of the support, apply **Ecopox cem plus 3C** with fiberglass mesh (tricomponent mortar of regularization of supports and vapor barrier) of the company Pavistamp Company or similar according to D.F.



TECHNICAL DATA SHEETS

# Beach Feel System



- F300



- PAVIMPER 2C



- PAVEX PRIMER PLUS



- PAVIDUR 1C



- RELEASE AGENT-L2



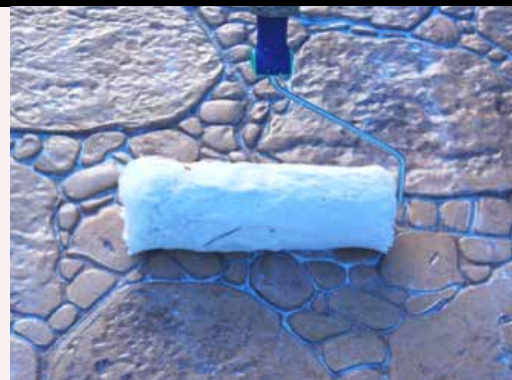
- PACK ORFAPOL PLUS



# F-300

## Sealing and reinforcement resin

Resin in water spread for concrete and mortar pavements protection.



### Product

- For the concrete pavement seal
- As quick primer
- As mortar and concrete reinforcement
- Good resistance to abrasion
- For maintenance and preservation
- Water base
- Indoors and outdoors

### Characteristics

- Acrylic resin in water base for cured, floor protection and mortars.
- For use as joining bridge between concretes and mortars, fresh and with quick setting.
- To be added to the mortars so that they become more resistant and flexible.
- Transparent, waterproof and breathable.
- Highlights the color.
- Silky finish.

### Performances

- Density: 2.1 g. /cm<sup>3</sup>
- P.H.: 7.0 – 9.0 UNE – EN 1262
- Color: Milky White
- Dried to touch: ±2 hours
- Pedestrian traffic: ≥24 hours
- Road traffic: ≥7 days

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

### Recommendations

- Application temperatures between 10 and 30°C (measured over the pavement).
- It can be applied on a humid pavement (without water puddles).
- Application with roller, brush, Airless...
- It is recommended application in 2 passes.
- It can be used in the time for preservation and maintenance from any kind of concrete floor: smooth, decorated or stamped.
- Avoid application with rain risk or high humidity, with frost risk or direct insolation.

# F-300

## Sealing and reinforcement resin

### Usage way

The zone to be treated must be completely clean, no dust, no grease...  
Application with no overloading in 2 passes.

#### Mixture proportion

- As a seal resin: 1 resin part + 3-4 water parts.
- As quick primer: 1 resin part + 3-4 water parts (depending on supports).
- For mortar reinforcement: maximum, 10% resin over the cement weight.

*\* These proportions are from standard essays and can considerably oscillate depending on the concrete or mortar absorption and the conditions at the workplace.*

### Associated products

\*Concrete and mortar

\*F-300



### Packaging

20 liter drum  
480 liter pallet (24 drums)  
1000 liter drum

### Colors

White  
(once it is dry, transparent)

### Consumption

(as sealing resin)  
0,1 - 0,2 l/m<sup>2</sup> once it is diluted.

### Preservation

In original closed container, and sheltered from outdoor and humidity: 1 year

### IMPORTANT

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# Pavimper 2C®

## Waterproof-bicomponent mortar-elastic

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



### Product

- Concrete waterproofing on balcony
- Waterproofing of safe water deposits
- Waterproof coating
- Protector of walls exposed to water action.
- Fit to receive painting or coating

### Observations

- Do not add cements, arid or water to the product.
- On surfaces where the product remains seen, consider the steam exit depending on the humidity present on the support. This precaution is essential on the applications performed over absorbent supports retaining humidity.
- After application in hot weather time or wind, it is advisable to protect the surface with canvas in order that an evaporation or too quick drying are produced.

### Characteristics

- Rest time after the kneading: 5 min.
- Mass life: ±60 minutes
- Application thickness: 2 mm per layer
- Setting start: ≥4 hours
- Rest time between layers: 4-5 hours
- Rest for deposit fill: ≥ 28 days
- Coated – painting: >6 days

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

### Performances

- Dosage: Comp. A+B (25 kg y 12 liters)
- Adherence for direct traction: 1.7 MPa
- Permeability Index: 0,03 kg/m<sup>2</sup> h<sub>0,5</sub>
- Permeability to CO<sub>2</sub>: 4,5 g/m<sup>2</sup>·d
- Fissures resistance: Class A5
- Water-steam transmission: 1,9 mg/h
- Water-steam transmission speed: 4,9 g/m<sup>2</sup> \* d
- Water-steam permanence coefficient: 6,4E-04 g/m<sup>2</sup> x day x Pa
- Traction properties determination:
  - Force: 1.6 MPa
  - Lengthening: 63%
- Behavior against fire: A1 Euroclass
- Potable certificate: EN 14944 – 3:2008

*\* These results have been obtained with standard essays and they can oscillate depending on the workplace conditions.*

### Enforcements

- Flexible and waterproof mortar for concrete revokes and cement bases.
- Waterproofing of concrete deposits for water, salt water or even safe water.
- Showers, bath, swimming pools waterproofing... before the ceramic coating placement.
- Waterproof coating and wall protector.
- Waterproof coating of concrete surfaces exposed to the water action and chemical aggression from external agents like salt, defrost and chlorides...
- Indoors and outdoors.

### Supports

- Concrete, concrete prefabricated, revokes, ceramic...

### Recommandations

- Application temperatures from 10 - 30°C
- Protect from rain or accidental water strokes during the first 24 hours of its application.
- Place mesh in the coating middle.
- On deposit waterproofing in permanent contact with water, wait to the complete drying (<4% humidity) of **Pavimper-2C** and clean with hot water before its usage.
- If necessary, repair the damage with **Pavigrout** repair mortar.
- Avoid application with rain risk, frost, strong wind, direct insolation...

# Pavimper 2C®

Waterproof-bicomponent mortar-elastic

## Execution conditions

The supports must be healthy and clean, without grouts or release agents.  
On fully set cementitious bases  $\geq 28$  days.

If necessary, clean with pressure water or sandblast, to secure a perfect adherence.

The supports must have a good flatness, without clefts or irregular zones.  
For waterproofing of pavements and coating of enclosure, stoneware, terrazzo... these have to with good adherence to the support and without any substance that may alter the adherence.

Treat the singular points with the adequate mesh.

Moisten the support before the application.

Avoid application with strong wind or direct insolation.

The lining must necessarily be coated and protected...

## Usage way

Spill the component **B** (12 lt) liquid in a clean recipient, add slowly and with mechanical agitation, the sack (24 kg) **Pavimper-2C** until obtaining a homogeneous mass without lumps.

Apply with trowel in maximum thickness of 2 mm per layer.

Place the adequate mesh in the middle of the coating.

\*Fit to project with machine.

On the sides, overlap the mesh at least 15 cm.

## Associated products

\*Pavimper-CB

\*Pavimper

\*Pavifer

\*Pavigrout

\*Cemcol Flex Porcelánico C2TE-S21®

\*Cemcol Flexible C2TE-S21® (Thin and thick layer)



## Packaging

24 kg bag

1152 kg pallet (48 bags)

Component-B: 12 liter drum

576 lt pallet (48 drums)

## Colors

White and gGrey

## Consumption

$\pm 1.6$  kg/m<sup>2</sup> and mm thickness

## Preservation

In the closed original container and sheltered from outdoors and humidity: 1 year

## ! IMPORTANT

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# Pavex-2C Primer

## Epoxy primer 100% solids

Epoxy primer 100% solids without solvents for primer over concrete, old-new concrete joining bridges and preparation of epoxy mortars.



### Product

- High chemical resistance
- Good anchorage over concrete
- Excellent anchorage over finish resin base layers
- Great adhesive power

### Resistance table

• Dry heat temperature:		130°C
• Wet heat temperature:		75°C
• Saline fog	Resistance	> 1000 hours
• Diluted acids	Resistance	> 1 year
• Diluted alkalis	Resistance	> 1 year
• Marine environment	Resistance	> 3 years
• Industrial environment	Resistance	> 3 years
• Water immersion	Resistance	> 5 years
• Salt water immersion	Resistance	> 5 years
• Resistant		-20°C

### Characteristics

- Mixture life: 15 minutes
- Dry 20°C and relative humidity 60%
  - Dry to the touch: 4-6 hours
  - Total drying: >6 hours
  - Total polymerization: >7 days
- Final aspect: porcelain

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

### Performances

- Composition: Resin epoxy two component
- Mixture weight: 1.1 g/cm<sup>3</sup>
- Aspect finish: bright
- Viscosity: 70-80 U. /KREBS
- Absorption over concrete: 2.2 N/mm<sup>2</sup>
- Compression resistance at 7 days with epoxy mortar (mixture A+B + arid): ≥50 MPa.

*\* These results have been obtained with standard essays and they can oscillate depending on the workplace conditions.*

### Enforcements

- 100% solid epoxy coating for the preparation of primers on concrete floors, intermediate layers in laminates with glass fibers and multilayer systems.
- Protects erosion from pavements subject to heavy traffic.
- Supports continuous immersion of industrial, marine waters...
- Suitable for chemical, food... and industrial vehicles in corrosive atmospheres.
- Indoor.

### Supports

- Concrete, cements, mortars.

### Recommendations

- Application temperatures: 15-25°C.
- Respect always the same dosage.
- Do not apply over wet floors or subject to possible humidity rising.
- Do not add any additive to the mixture.
- Avoid splashes of the product in the eyes and skin.

### Execution conditions

- Over surfaces completely dry and without humidity, clean and without greases and other materials.
- Do not apply with humidity superior to 85% and ambient temperature inferior to 15°C.
- Over cement base, its setting has to be completed (≥ 28 days) and with humidity on the support lower than 4%.
- Over smooth surfaces nonabsorbent, open the pore mechanically means (abrasive spouted, troweled, abrasive disk) accompanied by a deep aspiration.
- Apply with good air renovation, 100% solids without solvent.

# Pavex-2C Primer

Epoxy primer 100% solids

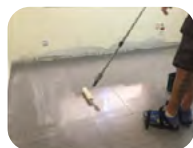
## Usage way



Mix the components **A + B** with a low revolution whisk until obtaining a perfect homogenizing.

The 2 components mixture has an approximately 15 minutes lifetime.

Application of the already mixed product can be performed with airless, brush, roll...



*\* Between layers, a minimum of 6 hours and a maximum of 24 hours must pass. If this maximum is exceeded, a preliminary surface sanding must be performed*

*\* In case of appearing a light superficial veil after the drying, it disappears cleaning the surface with water and soap.*

## Associated products

\*Epoxy paints and mortars



## Packaging

30 kg pack (A+B)

## Colors

Colorless

## Consumption

4-5 m<sup>2</sup>/kg 1 pass (80 – 100 microns)

\* These consumptions can oscillate depending on the support

## Preservation

In the closed original container (20 °C) and sheltered from outdoors: 1 year

## ⚠ IMPORTANT

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# Pavidur-1C

## Viscous adhesive for stone union

One component adhesive, without solvents and loadings, classified in category Bfl s1 as fre resistant.



### Product

- Does not become yellow.
- Colored continuous pavement.
- Permeable and breathable.
- Ideal for swimming pools surrounds.
- Colors chart.

### Observations

- Do not incorporate water and no other additive to the mixture.
- Treat the singular zones (fissures...) with the adequate mesh.
- The drying time will oscillate depending on the ambient temperature and existing humidity.
- Do not apply with rain risk, frosts, important temperature changes, direct insolation, strong wind...
- In case of emergency (rain, frost, extreme temperatures), always have tarps available to protect the pavement and not lose its characteristics.
- Over existing concrete base: consult.

### Characteristics

- Application temperature measured over the pavement: 10 – 30°C
- Mixture life (20°C): 1 – 2 hours
- Thickness: from 3 to 6 cm
- Dried to touch: >5 hours
- Total drying: ±24 hours (3 cm / 20°C)
- Commissioning: > 2 days

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

### System

Monocomponent System	Performances
% Arid: resein in volumen	95:5
Arid wetting	Good
Ambient temperature drying	≥6 h
Ambient temperature cured	≥24 h
Bending resistance 6 days	≥2 Mpa
Compression resistance 6 days	≥5 Mpa
Bending resistance 14 days	≥3 Mpa
Compression resistance 14 days	≥6 Mpa
Outdoors resistance	Excellent
Thermal shock	Breakage

### Enforcements

- Surface fixer and mass binder, for triturated arid union.
- Permeable water.
- Avoids ponded water.
- Roundabout outlines, terraces, pedestrian streets, sidewalks, swimming pools, tree crown...
- Without maintenance.
- Does not become yellow.

### Supports

- Concrete, compact gravel...

### Finishes

- Seen arid.

### Enforcement tips

- Application temperatures 10°C to 30°C.
- Respect always the same percentage **Pavidur-1C** during the mixture.
- Do not add water to the product.
- Respect the expansion joints, perimeter joints and retraction joints.
- Preview the adequate inclinations for water evacuation.

### Execution conditions

- Over vegetal land floor partially erased, leveled and eventually consolidated through drainage sanitized with an anticontamination layer. It has to accomplish the compaction required by project or site management team.
- The existing support has to be resistant, healthy, without dust, paintings, oils...
- In case of applying over new concrete, its setting has to be completed (≥28 days) and with adequate inclinations for water evacuation.

# Pavidur-1C

Viscous adhesive for stone union

## Usage way

Add arid in the concrete mixer and the adhesive for its correct mixed, minimum during 10 minutes.

Grain size	Dosage
9-12 mm	4%
5-9 mm	5%
3-5 mm	7%

Once the mass is spilt over the pavement, smooth manually with a proper trowel or trowelling machine.

## Dosage example:

Arid 5 – 9 mm = 5 l. Pavidur – 1c. + 100 kg arid.

*\* Before using the product, it is recommended to make a real test at the workplace and prove if the performances and finishes are the expected ones.*



IVORY



PINK



GRAY



GRAY STREAKED



WHITE



WELLOW



GREEN



RED ALICANTE



WOOD



ARID RIVER

## Associated products

\*Pavidur-1C CL/HITECH

\*Pavidur-1C AM/ECO

\*Arid



## Packaging

25 liter container

Aggregate: 30 kg plastic bag

## Colors

Colors chart

## Consumption

(approximate)

Liquid: 0,75 l/m<sup>2</sup> y 1cm thickness

Arid: 15 kg/m<sup>2</sup> y 1 cm thickness

## Preservation

In original closed container, and sheltered from outdoor and humidity: 6 months.

## ⚠ IMPORTANT

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# Release Agent-L2

## Liquid separating agent

Liquid release agent ready to use in an organic medium and fat materials.



### Product

- For immediate separation
- Prevents the efflorescence appearance
- Colorless and breathable
- Prevents the mold from sticking with the fresh mortar.
- For pavements and facades

### Characteristics

- Liquid release agent for the superficial textured and stamping treatment.
- On fresh concrete and mortar, stamped concrete, thematic rock, single-layer mortars...

### Usage way

- Application temperatures: 5- 35°C.
- Spray in a homogeneous way over the mold to be used.
- Print or texture with the selected mold.
- The in exceeding application could cause tone changes.
- With dark tones (façades), it is necessary to apply a water-repellent **Dye** coat to homogenize the finish tonality.
- Protect all the surfaces that are not going to be water-repellent with the product and/or supports that are not concretely cementitious.

*\*These results can considerably oscillate depending on the workplace conditions.*

### Performances

- Density, 25°C 0.85 g/cm<sup>3</sup>

### Associated products

\*Concrete and mortar



### Packaging

20 kg drum  
480 kg pallet (24 drums)

0,1 - 0,2 kg/m<sup>2</sup>

### Color

Yellowish

### Preservation

In the closed original container and sheltered from outdoor and humidity: 1 year

### IMPORTANT

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# Orfapol plus transparent®

## Solvent based aliphatic polyurethane paint (A+B)

Product based on aliphatic polyurethane resins (solvent base).



### Product

- Good wear resistance
- No yellow
- Excellent resistance to UV rays
- Indoor and outdoor
- Painting of concrete pavements

### Applications

- Painting of concrete pavements.
- Finishing for resin coatings.
- Anticorrosive treatment for structures in concrete and steel.
- Anti-dust impregnation of concrete constructions and their derivatives.
- Painting of workshops and battery depots
- Indoors and outdoors

### Performances (25°C)

- Humidity in the support: 0%
- Viscosity: 30-40 Mp (spindle 1, rpm 100)
- Specific weight: 0.95 ± 1.00 g / ml
- Point of inflammation: >100°C
- Residue: 51% by weight
- Maximum relative humidity: 50%

*\*These results are from standard tests and may vary depending on the conditions of commissioning.*

### Technical data

• Packaging	Pack (A+B): 10 kg
• Application temperature	10 - 30°C and HR <60%
• Consumption	0,1 – 0,15 kg/m <sup>2</sup> (1 pass)
• Color	Transparent
• Dosage (A+B+C)	Weight and volume: A=79 – B=21
• Pot life (50% HR)	7°C: >6 hs    25°C: >3hs    35°C: >2hs
• Dry to the touch (50% HR)	7°C: 24-28hs    25°C: 8-10hs    35°C: 3,5-5,5 hs
• Repainting (50% H.R.)	12-36 hs (25°C)
• Maintenance and cleaning	With neutral detergents
• Preservation	In original closed container (5-35°C), protected from weather and humidity: 1 year. *Component B, sensitive to humidity.

### Application

- Join the 2 components **(A+B)** and mix with low-speed mixer
- drill for 1 minute.
- Apply the mixture with roller or brush, approximate consumption: 0,01 – 0,15 kg / m<sup>2</sup>.
- To obtain a rough and non-slip surface, at the time of preparation of the 2 components, add between 5-10% quartz
- and 3-5% glass microspheres.
- In the case of coatings in continuous contact with acids, it will be necessary to over catalyze the system with a 30% increase in part **B** compared to standard dosages

### Support preparation

- Concrete bottoms should be solid, dry, level, absorbent, non-contaminated with oils, detergents, powders, or other substances.
- On substrates with possibility of humidity by capillary lift, apply **Ecopox-cem plus 3C** (osmotic barrier).
- The type of mechanical preparation most convenient to apply (abrasive or sanding) should be evaluated.
- Existing voids and minor anomalies can be repaired with **Pavirapid** or **Pavex-2C mortar**.
- Slab pavements must be sanded or roughened until a completely opaque surface is obtained that must be treated with a primer of **Polyurethane Primer**.
- Resin coatings should be sanded vigorously, and dust residue should be removed.
- Metal surfaces must be mechanically cleaned and treated with a type of background: **Anti-Corrosive Primer**.

As finishing of resin coatings, it is necessary to proceed to the application verifying the coating time of the previously applied product.

# Orfapol plus transparent®

Solvent based aliphatic polyurethane paint (A+B)

## Usage way



Mix the components **A + B** with a whisk at low revolutions for at least 1 minute, until a perfect homogenization is achieved.



The application can be made with airless, brush, roller...

Between layers, at least a minimum of 4 hours and a maximum of 24 hours must pass. If this maximum is exceeded, a preliminary sanding of the surface will be carried out.

*\*If a light surface veil appears after drying, clean the surface with soap and water.*

## Associated products

- \*Ecopox CEM plus 3C
- \*Pavirapid
- \*Pavex-2C mortar
- \*Microspheres
- \*Quartz



## Packaging

Pack (A+B): 10 kg

## Color

Transparent

## Consumption

0,1 – 0,15 kg/m<sup>2</sup> (1 pass)

## Conservation

In closed original container (5-35 ° C), sheltered from the weather and humidity: 1 year

\*Component B, sensitive to air humidity

## ⚠ IMPORTANT

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CERTIFICATIONS

# Beach Feel System



The only **APPLUS**  
**certified** Sand Pool  
system on the market.



Applus certifies that the client's procedures **comply** with the most internationally recognised **quality, social responsibility and environmental** standards, as well as those standards that are **most highly** valued in its sector.



**LGAi Technological Center S.A.**

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Bellaterra : 31 de Julio de 2020

Dossier number : **20/22772-1414**

Petitioner's reference : **PAVISTAMP S.L**  
 CIF: B-43255306  
 Polígono Mas Roig, Parcela 50  
 43896 L'Aldea ( Tarragona)

## TEST REPORT

### **RECEIVED MATERIAL**

En fecha 17 de Junio de 2020, se ha recibido en Applus Laboratories una muestra formada por diferentes soportes de terrazo y sobre ellos un mortero para soleras aplicado con la siguiente referencia según el Peticionario:

**SISTEMA BEACH FEEL "ARENA PLAYA"**

### **REQUESTED TESTS**

Screed material and floor screeds — Screed material, UNE-EN 13813:2014

- 1- Bond strength, UNE-EN 13892-8:2003
- 2- Resistance to wear BCA, UNE-EN 13892-4:2003
- 3- Resistance to wear Böhme, UNE-EN 13892-3:2016
- 4- Flexural and compressive strength, UNE- EN 13892-2:2003
- 5- Determination of slip ( USRV ). UNE-EN 41901 EX:2017.
- 6- Resistance to chemical reagents, UNE-EN 13529

**TEST DATE:** from 17/06/2020 to 29/07/2020

**RESULTS:** see attached pages

Responsible for Construction Materials  
 LGAi Technological Center, S.A.

Technician responsible  
 LGAi Technological Center, S.A.

These results are exclusively related to the received material in Applus Laboratories and proved under given indications.

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Page 1 – The present document consists of **8** pages of which **0** are attachments.

Dossier no. 20/22772-1414	Page 2
<b>PAVISTAMP S.L</b>	<b>SISTEMA BEACH FEEL "ARENA PLAYA"</b>

## RESULTS

System:

- IPrimer: F300
- Pavimper 2C Blanco: 3 crossed layers. Total consumption 2,8 kg/m<sup>2</sup>
- Pavex primer + quartz+Pavidur+ Orfapol (sealed) 0,300 kg/m<sup>2</sup>

### 1- Bond strength, UNE-EN 13892-8:2003

The test has been carried out with the supports designated as B.

Sepecimen	Bond strength (N/mm <sup>2</sup> )	Failure
1	0,73	x
2	0,90	x
3	0,78	x
4	0,91	x
5	0,87	x
<b>Mean</b>	<b>0,8</b>	

Faiure

X: Cohesive failure of substrate

Y: Cohesive failure of mortar

X/Y: Adherecne failure

Bond Strength					
Clase	B 0,2	B 0,5	B 1,0	B 1,5	B 2,0
Resist. Tracción (N / mm <sup>2</sup> )	0,2	0,5	1,0	1,5	2,0

### 2- Resistance to wear BCA, UNE-EN 13892-4:2003

The test has been carried out with the supports designated as A (cuarzo mediterraneo) and C (marfil MF50).

Specimen	Wear BCA (µm)					
A	40					
C	30					
Wear BCA						
Class	AR6	AR4	AR2	AR1	AR0,5	
Wear (µm )	600	400	200	100	50	

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<b>PAVISTAMP S.L</b>	<b>SISTEMA BEACH FEEL "ARENA PLAYA"</b>

### 3- Resistance to wear Böhme, UNE-EN 13892-3:2016

The test has been carried out with the supports designated as B (cuarzo blanco) y D (cuarzo hueso 8)

Specimen	Wear (cm <sup>3</sup> / 50 cm <sup>2</sup> )
B	10,3
D	9,2

Wear Böhme							
Class	A22	A15	A12	A9	A6	A3	A1,5
Wear cm <sup>3</sup> / 50 cm <sup>2</sup>	22	15	12	9	6	3	1,5

### 4- Flexural and compressive strength, UNE- EN 13892-2:2003

The test was carried out with the supports named A (Mediterranean quartz) and C (ivory MF50). Due to the nature of the system, the test was carried out by cutting specimens from the terrazzo support applied with the mortar.

Specimen	Age  (days)	Flexural strength					Compressive Strength							
		Flexural strength  (N/mm <sup>2</sup> )		Mean  (N/mm <sup>2</sup> )			Compressive Strength  (N/mm <sup>2</sup> )			Mean  (N/mm <sup>2</sup> )				
A	28	7,8		7,8			45,5			44,7				
							44,3							
A	28	8,0					44,6							
							45,0							
A	28	7,5					44,8							
							43,9							
Compressive Strength														
Class		C5	C7	C12	C16	C20	C25	C30	C35	C40	C50	C60	C70	C80
Compressive Strength (N/mm <sup>2</sup> )		5	7	12	16	20	25	30	35	40	50	60	70	80
Flexural Strength														
Class		F1	F2	F3	F4	F5	F6	F7	F10	F15	F20	F30	F40	F50
Flexural Strength (N/mm <sup>2</sup> )		1	2	3	4	5	6	7	10	15	20	30	40	50

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Specimen	Age (days)	Flexural strength		Compressive Strength	
		Flexural strength (N/mm <sup>2</sup> )	Mean (N/mm <sup>2</sup> )	Compressive Strength (N/mm <sup>2</sup> )	Mean (N/mm <sup>2</sup> )
C	28	6,9	<b>6,9</b>	38,7	<b>38,8</b>
				39,2	
C	28	7,0		38,6	
				39,1	
C	28	6,8		38,5	
				38,7	

Compressive Strength													
Class	C5	C7	C12	C16	C20	C25	C30	C35	C40	C50	C60	C70	C80
Compressive Strength (N/mm <sup>2</sup> )	5	7	12	16	20	25	30	35	40	50	60	70	80

Flexural Strength													
Class	F1	F2	F3	F4	F5	F6	F7	F10	F15	F20	F30	F40	F50
Flexural Strength (N/mm <sup>2</sup> )	1	2	3	4	5	6	7	10	15	20	30	40	50

## 5- Determination of slip ( USRV ). UNE-EN 41901 EX:2017.

The test has been carried out on all supports.

### Specimen A

Test mno.	Slip USRV ( R <sub>d</sub> ) ( wet test )
1	37
2	38
3	36
4	39
5	37
<b>Mean</b>	<b>37</b>

The test was carried out on a net length of 126 mm, with a wide shoe.  
Temperature at the time of the test: 22°C

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**Specimen B**

Test no.	Slip USRV ( $R_d$ ) ( wet test )
1	42
2	40
3	41
4	41
5	43
<b>Mean</b>	<b>41</b>

The test was carried out on a net length of 126 mm, with a wide shoe.  
Temperature at the time of the test: 22°C

**Specimen C**

Test no.	Slip USRV ( $R_d$ ) ( wet test )
1	33
2	31
3	32
4	34
5	33
<b>Mean</b>	<b>33</b>

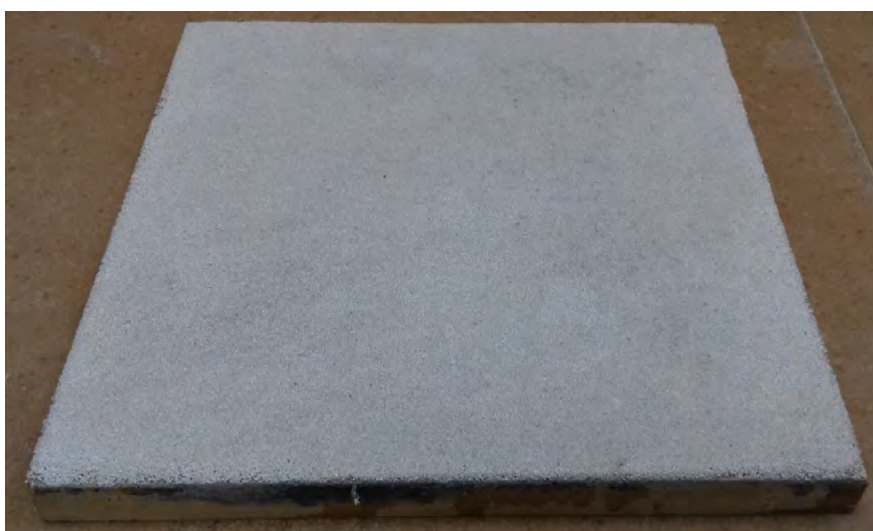
The test was carried out on a net length of 126 mm, with a wide shoe.  
Temperature at the time of the test: 22°C

**Specimen D**

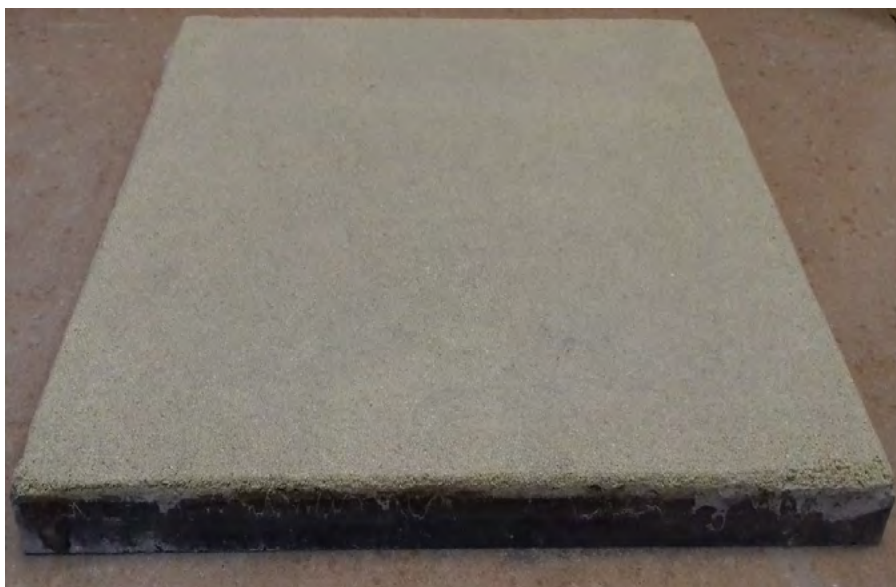
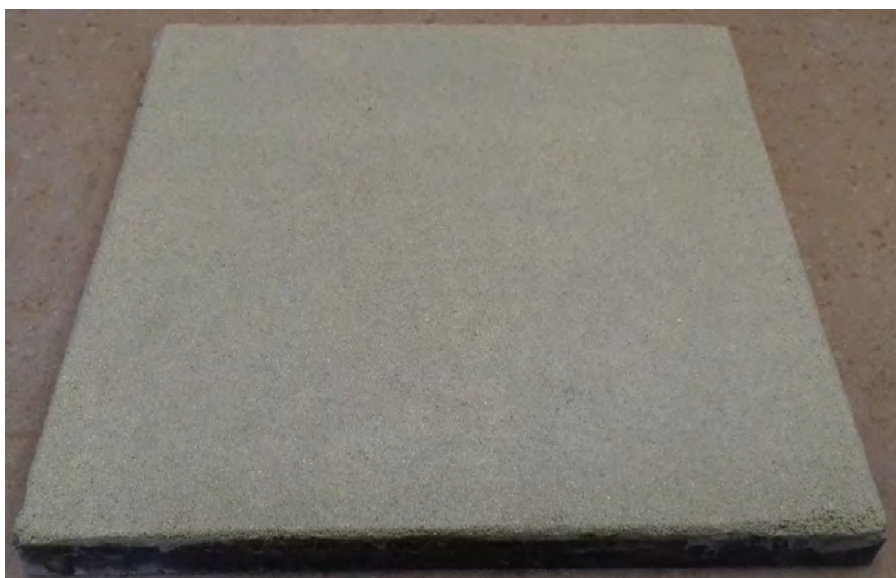
Test no.	Slip USRV ( $R_d$ ) ( wet test )
1	35
2	36
3	34
4	37
5	35
<b>Media</b>	<b>35</b>

The test was carried out on a net length of 126 mm, with a wide shoe.  
Temperature at the time of the test: 22°C

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**Pictures of samples****Specimen A****Specimen B**

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**Specimen C****Specimen D****Service Quality Assurance**

Applus+, guarantees that this work has been made in accordance with our Quality and Sustainability System, fulfilling the contractual conditions and legal norms.

Within our improvement program we would be grateful if you would send us any commentary that you consider opportune, to the person in charge who signs this document, or to the Quality Manager of Applus+, in the following e-mail address: [satisfaccion.cliente@applus.com](mailto:satisfaccion.cliente@applus.com)

## STATEMENT OF BENEFITS

# Beach Feel System



*Conforms to the European Construction Products Regulation (RPC) N° 305/2011*

- 1 • Product name: **BEACH SAND SYSTEM (POLYURETHANE + STONE AND COLOURLESS ORFAPOL SEALANT).**
- 2 • Product type: **Aliphatic polyurethane paint + stone.**
- 3 • Intended use(s): **Resin-based paint with high chemical and mechanical resistance.**

- 4 • Name and address of manufacturer:  
**Spanish Company of Stamped Concrete S.L. | Pol. Ind. Catalunya Sud 14-1, 43500 - Tortosa (Tarragona) Spain.  
[www.pavistamp.com](http://www.pavistamp.com)**
- 5 • System for the assessment and verification of the constancy of performance: **System 3**
- 6 • Notified Body: **Factory Production Control (CPF) and initial type testing is carried out under system 3.**
- 7 • Declared benefits:

ESSENTIAL CHARACTERISTICS	BENEFITS	HARMONISED TECHNICAL SPECIFICATIONS
Viscosity at 25°C in CF4	>100-120 sec	CPF
Mixing life (pot life)	8 hours	
Class according to CTE	Class 2 (Average value CRD 41/42) Class 3 above 45 (with addition of glass beads between 35 and 3l 45% in Orfapol Plus.	
Drying (applied with 60 micron coverage)		
Hydrochloric acid 10 and 20%	500 hours / undisturbed	
Sulphuric acid 10 and 20%	500 hours / Start oxid.	
Distilled water	8 months / Unchanged	
3.5% solid chloride	8 months / Unaltered	
20% sodium hydroxide	15 days / No change	
Ammonia	3 months / Regular	
Isobutyl acetate	8 months / No change	
White Spirit	6 months / Good	
Salt Spray 5% sodium chloride and 37-38 °C	8 months / No change	
Ambient: Humidity 100% and 40%	3 months / Good	

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