

S Y S T E M

Decopox

Technical Information

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- Ecopox CEM Plus 3C
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ABOUT THE SYSTEM

Decopox

DO YOU WANT TO REPAIR AND DECORATE FLOORS AND WALLS WITH ONLY ONE SYSTEM?

Decopox is a seamless continuous coating, it is a decorative coating with the resistance of an industrial coating and with only 1.5 mm of product thickness. It is non-wearing with a BCA wear determination of Ar 0.5 and a classification of the floors according to their slipperiness class C1, C2, C3.

It is a two-component water-based mortar that can be applied on vertical and horizontal surfaces. Its wide range of standard colours, universal charts (ral, ncs, pantone...) or physical samples to make your project more exclusive and its ability to adapt to multiple environments make it perfect for use as a decorative mortar exclusively for you.

It is passable and can be applied on an infinite number of surfaces such as ceramic, stone, marble, tiles, concrete or tiles. Decopox is a wear-resistant mortar because it is extremely hard.

It is a clean material that is easy to apply without the need for specific knowledge. Use it as a decorative mortar with customised textures and finishes for your offices, flats, hotels, commercial premises, etc.

Note that you can also use it as a material to cover kitchen worktops, shelves and benches, in short, to make furniture. It has no joints and is not absorbent but it is permeable to vapour.



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

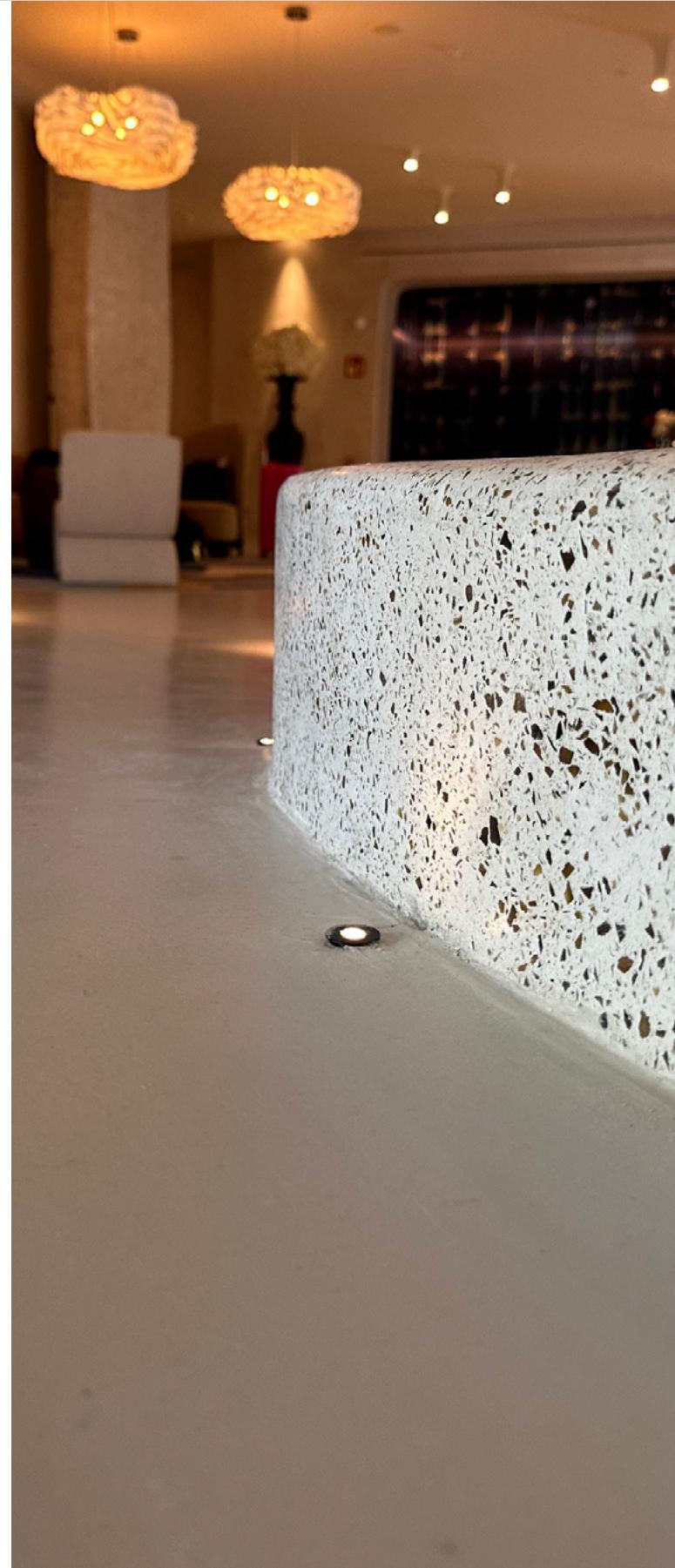
Decopox System

m2 2 to 3 mm THICK CONTINUOUS COATING, INTERIOR and EXTERIOR FOR HIGH WEAR RESISTANCE

Supply and formation of continuous smooth coating of 2 to 3 mm thick approximately, made on concrete surface, ceramic, terrazzo, etc...by applying successive layers: layer of **Pavex Primer Plus with resinated quartz** (epoxy primer for the consolidation of supports) of the firm Pavistamp Company or similar according to D. F, two coats of **Decopox** (water-based decorative coating) from Pavistamp Company or similar according to D.F, application of Veladura (water-based polyurethane gel) from Pavistamp Company or similar according to D.F with the aim of accentuating the water or flatness of application, the whole system is sealed with **Orfapol 50** (water-based polyurethane) from Pavistamp Company or similar according to D.F.

If an anti-slip treatment is required, this polyurethane must be mixed with glass microspheres to create a protective seal with high resistance to wear and tear, following the manufacturer's instructions.

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



PRESCRIPTION

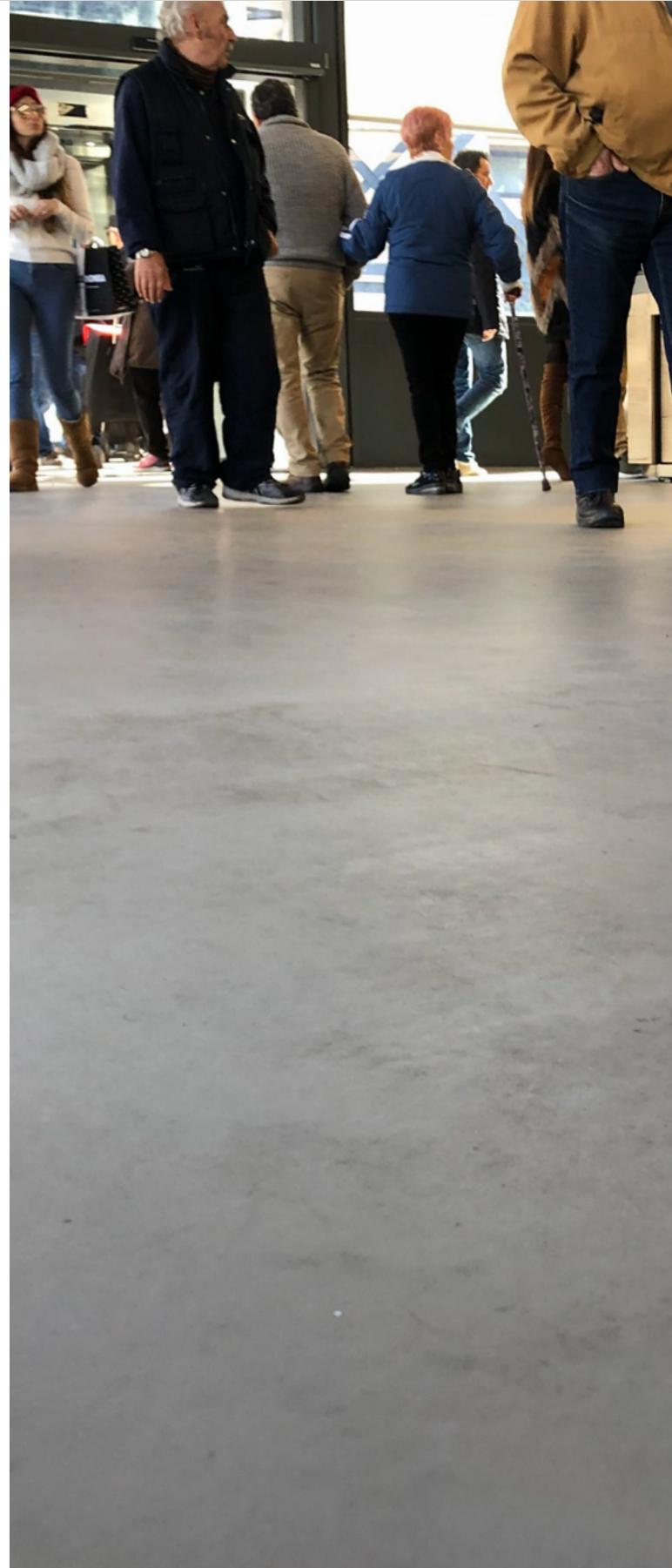
Decopox System

m2 WET TREATED COATING WITH 2 to 3 mm THICK, SMOOTH CONTINUOUS WET TREATMENT, INTERIORS and EXTERIORS FOR HIGH WEAR RESISTANCE

Supply and formation of continuous smooth coating of 2 to 3 mm thick approximately, made on concrete surface, ceramic, terrazzo and with humidity by capillary rising up to a maximum of 2.5 atm by negative pressure, by applying successive layers: layer of **Ecopox cem plus 3c with fiberglass mesh** (three-component mortar for regularization of supports and vapor barrier) of the firm Pavistamp Company or similar according to D. F, two coats of **Decopox** (water-based decorative coating) from Pavistamp Company or similar according to D.F, application of **Veladura** (water-based polyurethane gel) from Pavistamp Company or similar according to D.F with the purpose of accentuating the water or flatness of application, the whole system is sealed with **Orfapol 50** (water-based polyurethane) from Pavistamp Company or similar according to D.F.

If an anti-slip treatment is required, this polyurethane must be mixed with glass microspheres to create a protective seal with high resistance to wear and tear, following the manufacturer's instructions.

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

Decopox System

- ECOPOX CEM PLUS 3C 
- PAVEX-2C PRIMER 
- DECOPOX 
- VELADURA 
- ORFAPOL 50 

Ecopox CEM Plus 3C

Epoxy tricomponent mortar - Steam barrier (A+B+C)

Primer and vapor barrier for resin coatings



Description

Three-component product (A+B+C) based on epoxy resin modified with aluminized additives to make an osmotic barrier and / or waterproofing membrane.

Performances

- Specific weight: 1.50 ± -0.05 g / ml
- Residual dry: 90% by weight
- Flash point: not applicable

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

Uses

- Binding layer and regularization of concrete surfaces.
- Primer for resin coatings and floors in the presence of wet substrates.
- Vapor barrier on concrete walls, brick and / or stone.
- Stucco for sealing cracks and fissures.
- Primer for coatings on slabs.
- In interiors.

Supports

- The substrate must have a minimum mechanical strength at compression of $25 \text{ N} / \text{mm}^2$ and a tensile strength of $1.5 \text{ N} / \text{mm}^2$.

Stand preparation

- The surface of the support affected by moisture must be carefully cleaned by removing paint, plaster, salts, as well as residual cement, grease, chemicals, loose particles and coatings with poor mechanical anchorage.
- On mortars with drying > 28 days.

Technical data

• Packaging	Pack A+B+C: 25 kg
• Application temperature	10-30°C y HR <75%
• Consumption (A+B+C)	0,6 – 1 kg/m ² (1 pass)
• Color	Gray cement
• Dosing components	A=100, B=50, C=100
• Pot life (50% HR)	10°C: >3hs 25°C: >2hs 35°C: >75min
• Dry to touch (50% HR)	10°C: 20-24hs 25°C: 8-10hs 35°C: 4-6hs
• Pedestrian traffic (50% U.R.)	>24 hours (25°C)
• Adhesion to concrete	> 3,5 N/mm ² ,
• Cleaning tool	Water
• Conservation	* 6 months for component C. * 12 months for components A and B. Store in a dry place at a temperature between 5°C and 35°C and away from weather and humidity.

Ecopox CEM Plus 3C

Epoxy tricomponent mortar
Steam barrier (A+B+C)

Application

- Tri-component product: Join component **A** (Epoxy Resin) and component **B** (hardener) in the bucket, mixing with a whisk at low revolutions for approximately 2 minutes. Then add component **C** (special cement) and mix for 2 more minutes.
- Dilute with 15% by weight with clean fresh water and apply with a suitable trowel, the consumption is approximately 0.6 to 1 kg/m² for each application.
- Before proceeding with the coating, wait 24 hours (at 25°C and 50% relative humidity), check that the hygrometer is completely dry. In case of results indicating the presence of humidity, apply additional coats of **Ecopox-cem plus 3C**, until complete drying.

Usage way



Mix components **A + B** with a whisk at low speed for at least 2 minutes, add component **C** and mix for a further 2 minutes, until a perfect homogenization is achieved.



The application can be made with steel trowel, rubber...



Packaging

Pack A+B+C: 25 kg

Color

Gray cement

Consumption

0,6 – 1 kg/m² (1 pass)

Conservation

6 months for component C.
12 months for components A and B.
Store in a dry place at a temperature between 5°C and 35°C and away from weather and humidity.

IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, 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.

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/cm³
- Aspect finish: bright
- Viscosity: 70-80 U. /KREBS
- Absorption over concrete: 2.2 N/mm²
- 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 m²/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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Decopox®

Decorative water-based epoxy mortar (A+B)

Two-component mortar based on epoxy resins in aqueous dispersion.



Properties

- High wear resistance
- Vapour permeable
- Repair and restoration of floors
- In interiors

Performances

- Specific gravity (25°C): 2.00 ± -0.05 g/ml
- Viscosity Mp (25°C): 5.000 ± -1.000 (spindle 2, rpm 5)
- Compressive load: >25 N/mm² (days of cure and 50% RH)
- Flash point: >100°C
- Humidity in the substrate: 0%

**These results are standard test results and may vary depending on site conditions.*

Support preparation

- The concrete supports must be solid, dry (completely set if they are of new construction >28 days), level, absorbent, not contaminated with oils, detergents, powders or other substances.
- Evaluate the most suitable type of mechanical preparation (with use of abrasive machine, polishing machine, hydro-cleaner...) and apply a coat of **Paviplast epoxy tte**.
- The oily surfaces must be thoroughly roughened and treated with **Pavex 2C-primer + Quartz** primer already mixed or by sprinkling until saturation on the fresh product.
- On non-absorbent substrates (ceramic, marble...), abrade, sand and vacuum, then apply a coat of **Ecopox-cem plus 3C**.
- On bases with no guarantee of stability, create a reinforcement by adding a fiberglass mesh to the system.

Important

For yellow, orange or some red shades, additional coats may be necessary to obtain a good coverage (in some cases a first coat in white is recommended).

Different production batches of the same color may show small differences, so it is recommended to use material from a single production batch.

Some colors based on organic pigments (reds, blues, greens and intense yellows) tend to fade when subjected to abrasion (either dry or wet). In these cases it is advisable to protect the color with a clear topcoat.

Enforcements

- For screeding or as a semi self-leveling mortar.
- Excellent adhesion on concrete, tiles, resin coating.
- Vapour permeable.
- Good wear resistance.
- Ideal for decorative effects.
- Flooring, apartments, offices, industrial.
- Repair and restoration of floors.
- In interiors

Technical data

• Packaging	Pack (A+B): 20 kg
• Application temperatures	15°C-30°C y HR <75%
• Consumption	0,5 – 0,6 kg/m ² (1 layer)
• Colors	Neutral (colores)
• Dosage (A+B)	Weight: A= 90 – B=10
• Pot life (50% HR)	5°C :>60min 25°C: >40min 35°C: >25min
• Dry to touch (50% HR)	15°C:14-18hs 25°C:5-7hs 35°C:3-5hs
• Pedestrian traffic (50% HR)	>18 hours (25°C)
• Repainting (50% HR)	18-36 hours (25°C)
• Deep hardening	>7 days (25°C y 50% HR)
• Tool cleansing	Water
• Preservation	In sealed original packaging (5-35°C), protected from weather and humidity: 1 year
• Maintenance and cleaning	With neutral detergents

Decopox®

Decorative water-based epoxy mortar (A+B)

Usage ways



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



The application can be made with a steel or rubber trowel.

Application

- Pour the content of part **B** over part **A**, stir and mix with a low speed mixer. If necessary, add dilution water and continue mixing until a completely homogenized mixture is obtained. To color the formulation, a water-based universal pigment should be added that has good compatibility within the system.

To color the formulation, a water-based universal pigment must be added that has good compatibility within the system.

- The amount of pigment with respect to component **A+B** can vary from 1 to 10% depending on the desired color effect.

Decopox can be used to obtain decorative supports with various effects, for this type of application consult the indicative cycles or ask for technical assistance.

Associated products

- *Ecopox-cem plus 3C
- *Pavex-2C primer
- *Paviplast epoxy
- *Quartz



Packaging

Pack (A+B): 20 kg

Color

Neutral (colors)

Consumption

0,5 – 0,6 kg/m² (1 layer)

Preservation

In sealed original packaging (5-35°C) and protected from weather and humidity: 1 year

⚠️ IMPORTANT

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Veladura

Polyurethane gel water based

One-component, easy-to-use product, based on dispersion of polyurethane in aqueous vehicle.



Properties

- Good mechanical resistance
- Excellent adhesion
- High abrasion resistance
- Resistant to solvents

Uses

- Can be used to obtain vapor permeable coatings.
- As a fine finish in decorative wall coatings.
- By the evaporation of the water, the product is transformed into a continuous film with very good adhesion to the substrate.

Performances

- Specific weight (25°C): 1,00+ / -1,05 g/ml
- Viscosity (25°C): 10.000+ / 2.000 MPa
- Dry residue: 40% in weight

*These results are standard test results and may vary depending on site conditions.

Support preparation

Concrete substrates must be solid, dry (completely set if newly constructed), level, absorbent, not contaminated with oils, detergents, powders or other substances. Apply the most suitable type of mechanical preparation, using an abrasive or polishing machine or hydro-cleaner.

Apply the product on the prepared base with **Micropool 2C** or **Decopox**.

Enforcement

- Pigment the product with **Veladura dye** and homogenize with the use of a low speed drill mixer.
- Apply the material with a trowel.
- Avoid creating very thick films.
- It can generate delays in the development of the final characteristics of the same, specifically deep drying and sensitivity to water.

Usage way

Mix the product + **Veladura dye** with a mixer at low revolutions for at least 2 minutes, until a perfect homogenization is obtained.

The application can be done with a steel or rubber trowel.

IMPORTANT

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Technical data

• Operating temperatures	15-30°C y H.R. <75%
• Consumption	Aprox. 0,1 kg/m² (1 layer)
• Packing	1kg - 10 kg
• Color	Colorless (colors)
• Flash point	Not applicable
• Pot-life (50% H.R.)	Monocomponent
• Dry to touch (50% H.R.)	10°C: 120-180 min 25°C: 40-60 min 30°C: 15-30 min
• Pedestrian 50% H.R.)	25°C: >18 hours
• Repainting (50% H.R.)	25°C: >90 min
• Diluent	Water
• Tool cleansing	Water / Ethyl alcohol
• Storage	Original closed container (5-35°C), protected from weather and humidity: 1 year

Associated products

- *Decopox
- *Micropool 2C
- *Veladura tint

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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CERTIFICATIONS

Decopox System



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

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Bellaterra : 30 de enero de 2023
 Informe número : **23/32300806**
 Referencia del peticionario : **CIA. ESPAÑOLA DE HORMIGONES ESTAMPADOS,S.L. (PAVISTAMP)**
 P.I. Mas Roig 3, parcela 50
 43896 L'Aldea (Tarragona)

INFORME DE ENSAYO

MATERIAL RECIBIDO:

En fecha 25 de Enero de 2023, se ha recibido en Applus Laboratories una muestra de mortero apliada en diferentes soportes con la siguiente referencia según el Peticionario:

DECOPOX

ENSAYOS SOLICITADOS:

MORTERO PARA RECRECIDOS Y ACABADOS DE SUELOS , UNE-EN 13813:2014

- 1- Resistencia al desgaste Böhme, UNE-EN 13892-3
- 2- Determinacion al desgaste BCA, UNE-EN 13892-4
- 3- Determinación de la absorción de agua, UNE-EN 13748-2 It. 5.8
- 4- Determinación del valor de resistencia al deslizamiento/resbalamiento de los pavimentos sin pulir(USRV), UNE 41901

FECHA DE REALIZACIÓN DE LOS ENSAYOS: Del 25/01/2023 al 30/01/2023

RESULTADOS: Ver páginas adjuntas

Responsable de Mat. de Construcción
LGAI Technological Center S.A.

Responsable Técnico
LGAI Technological Center S.A.

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Página 1 - Este documento consta de **4** páginas de las cuales **0** son anexos.



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CIA. ESPAÑOLA DE HORMIGONES ESTAMPADOS,S.L. (PAVISTAMP)		DECOPOX

RESULTADOS:

Composición del sistema;

- Decopox Grueso: 2 capas
- Decopox Espátula: 2 capas
- Sellante: Orfapol 50

1- Resistencia al desgaste Böhme, UNE-EN 13892-3

Muestra nº	Desgaste (cm ³ / 50 cm ²)
1	4,1
2	3,9
3	3,9
Media	4,0
Desgaste Böhme UNE-EN 13813	
Clase	A22 A15 A12 A9 A6 A3 A1,5
Desgaste cm ³ / 50 cm ²	22 15 12 9 6 3 1,5

2- Determinacion al desgaste BCA, UNE-EN 13892-4

Muestra	Desgaste BCA (μm)
1	10
2	10
3	10
Media	10
Desgaste BCA, UNE-EN 13813	
Clase	AR6 AR4 AR2 AR1 AR0,5
Máximo desgaste μm	600 400 200 100 50

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CIA. ESPAÑOLA DE HORMIGONES ESTAMPADOS,S.L. (PAVISTAMP)		DECOPOX

3- Determinación de la absorción de agua, UNE-EN 13748-2 It. 5.8

Muestra nº	Absorción (g/cm ²)
1	0,003
2	0,005
3	0,003
Media	0,004

4- Determinación del valor de resistencia al deslizamiento/resbalamiento de los pavimentos sin pulir(USRV), UNE 41901

Determinación no.	USRV (R _d) (superficie mojada)
1	25
2	21
3	23
4	23
5	26
Media	23

El ensayo se ha realizado sobre una longitud neta de 126 mm, con zapata ancha.
Temperatura en el momento del ensayo: 22°C

Informe nº CIA. ESPAÑOLA DE HORMIGONES ESTAMPADOS,S.L. (PAVISTAMP)	23/32300806	Página 4
DECOPOX		

NOTA INFORMATIVA

Según el Código Técnico de la Edificación, Sección SU1 SEGURIDAD FRENTE AL RIESGO DE CAIDAS, efectuando el ensayo de resistencia al deslizamiento/resbalamiento de los pavimentos (USRV) con la superficie húmeda con abundante agua según indica la norma UNE-EN 41901 EX:2017, se dispone la siguiente clasificación:

Tabla 1.1; Clasificación de los suelos según su resbaladicia	
Resistencia al deslizamiento Rd	Clase
$R_d \leq 15$	0
$15 < R_d \leq 35$	1
$35 < R_d \leq 45$	2
$R_d > 45$	3

Clase 1

Tabla 1.2; Clase exigible a los suelos en función de su localización

Localización y características del suelo	Clase
Zonas interiores secas :	
superficies con pendiente $< 6\%$	1
superficies con pendiente $\geq 6\%$ y escaleras	2
Zonas interiores húmedas, tales como las entradas a los edificios desde el espacio exterior ⁽¹⁾ , terrazas cubiertas, vestuarios, duchas, baños, aseos, cocinas, etc.	
superficies con pendiente $< 6\%$	2
superficies con pendiente $\geq 6\%$ y escaleras	3
Zonas exteriores. Piscinas ⁽²⁾	3

⁽¹⁾ Excepto cuando se trate de accesos directos a zonas de uso restringido.

⁽²⁾ Zonas previstas para usuarios descalzos y en el fondo de los vasos, en las zonas en las que la profundidad no exceda de 1,5m.

Garantía de Calidad de Servicio

Applus+, garantiza que este trabajo se ha realizado dentro de lo exigido por nuestro Sistema de Calidad y Sostenibilidad, habiéndose cumplido las condiciones contractuales y la normativa legal.

En el marco de nuestro programa de mejora, les agradecemos nos transmitan cualquier comentario que consideren oportuno, dirigiéndose al responsable que firma este escrito, o bien, al Director de Calidad de Applus+, en la dirección: satisfaccion.cliente@applus.com

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Bellaterra : 20 de Abril de 2018
 Expediente número : **18/16906-1005**
 Referencia del peticionario : **CIA. ESPAÑOLA DE HORMIGONES ESTAMPADOS,S.L. (PAVISTAMP)**
 P.I. Mas Roig 3, parcela 50
 43896 L'Aldea (Tarragona)

INFORME DE ENSAYO

MATERIAL RECIBIDO:

En fecha 04 de Abril de 2018, se ha recibido en Applus Laboratories una muestra de producto aplicado sobre un soporte con la siguiente referencia según el Peticionario:

**ENSAYO SOLICITADO:**

- Determinación del valor de resistencia al deslizamiento/resbalamiento de los pavimentos sin pulir (USRV). UNE-ENV 12633:2003, Anexo A.

FECHA DE REALIZACIÓN DEL ENSAYO: 12/04/2018

RESULTADOS: ver página adjunta.

Responsable de Materiales de Construcción
LGAI Technological Center,S.A.

Técnico Responsable
LGAI Technological Center,S.A.

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Página 1 - Este documento consta de **2** páginas de las cuales **0** son anexos.

LGAI Technological Center S.A. Inscrita en el registro Mercantil de Barcelona, Tomo 35.803, Folio1, Hoja N° B-266.627 Inscripción 1ª C.I.F. : A-63207492

Expediente nº	18/16906-1005	Página 2
CIA. ESPAÑOLA DE HORMIGONES ESTAMPADOS,S.L. (PAVISTAMP)		DECOPOX ESPATULA APLICADO A DOS MANOS SOBRE HORMIGON Y SELLADO CON ORFAPOL 50.

RESULTADOS:

1- Determinación del valor de resistencia al deslizamiento/resbalamiento de los pavimentos sin pulir (USRV). UNE-ENV 12633.

Determinación nº	Valor de resistencia al deslizamiento USRV (R_d) (superficie húmeda con abundante agua)
1	46
2	48
3	46
4	46
5	45
Media	46

El ensayo se ha realizado sobre una longitud neta de 126 mm, con zapata ancha.

Temperatura en el momento del ensayo: 22°C

NOTA INFORMATIVA:

Según el Código Técnico de la Edificación, Sección SU1 SEGURIDAD FRENTE AL RIESGO DE CAIDAS, efectuando el ensayo de resistencia al deslizamiento/resbalamiento de los pavimentos (USRV) con la superficie húmeda con abundante agua según indica la norma UNE-ENV 12633:2003, se dispone la siguiente clasificación:

Tabla 1.1; Clasificación de los suelos según su resbaladicia

Resistencia al deslizamiento R_d	Clase
$R_d \leq 15$	0
$15 < R_d \leq 35$	1
$35 < R_d \leq 45$	2
$R_d > 45$	3

Clase 3

Tabla 1.2; Clase exigible a los suelos en función de su localización

Localización y características del suelo	Clase
Zonas interiores secas : superficies con pendiente <6% superficies con pendiente ≥6% y escaleras	1 2
Zonas interiores húmedas, tales como las entradas a los edificios desde el espacio exterior ⁽¹⁾ , terrazas cubiertas, vestuarios, duchas, baños, aseos, cocinas, etc. superficies con pendiente <6% superficies con pendiente ≥6% y escaleras	2 3
Zonas exteriores. Piscinas ⁽²⁾	3

⁽¹⁾ Excepto cuando se trate de accesos directos a zonas de uso restringido.

⁽²⁾ Zonas previstas para usuarios descalzos y en el fondo de los vasos, en las zonas en las que la profundidad no exceda de 1,5m.

Garantía de Calidad de Servicio

Applus+, garantiza que este trabajo se ha realizado dentro de lo exigido por nuestro Sistema de Calidad y Sostenibilidad, habiéndose cumplido las condiciones contractuales y la normativa legal.

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CPF PERFORMANCE DECLARATION

Decopox System

According to European Construction Products Regulation (CPR) No 305/2011 Product code: Comp. A - 50912 + Comp. B - 50913

- 1 • Unique identification code of the product type: **Decopox (A+B)**.
- 2 • Type, batch or serial number or any other element allowing the identification of the construction product as referred to in Article 11(4): **The date of manufacture and the name of the product are printed on the packaging.**
- 3 • Intended use(s) of the construction product, in accordance with the applicable harmonised technical specification, as laid down by the manufacturer: **Water based decorative epoxy mortar.**
- 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**
- 9 • Declared benefits:

ESSENTIAL CHARACTERISTICS	TEST METHODS	PERFORMANCE	REQUIREMENTS
Wear resistance	BÖhme	4,0cm3/50cm2	UNE-EN 13892-3
Determination of wear	BCA	10 µm	UNE-EN 13892-4
Water absorption	lt. 5.8	0,004 g/cm2	UNE-EN 13748-2
Slip resistance value USRV (Rd)	Length 126mm Temperature: 22°C	46	UNE-ENV 12633
Slip resistance Rd >45	Unpolished pavement	ClasS 3	UNE 41901
Compressive load		>25 N/mm2	Not applicable
Flash point		>100°C	Not applicable
Hazardous substances		In compliance with EN 1504-2 par 5.3	According to product SDS

- 10 • The performance of the product identified in points 1 and 2 is in conformity with the performance declared in point 9.
- This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed by and on behalf of the Manufacturer:

Asunción Codorniu
Quality Department

All information regarding conditions of use, instructions for use and storage can be found in the Technical Data Sheet of the product.

Last revised 30/01/2023