

Juno Paints **Anti-Slip** floor coatings

JUNO



Anti-slip Rated



CLASS 3



JUNO's Anti-Slip Rated Products

With the aim of providing safe areas for pedestrian traffic, where the humidity conditions and slopes are greater than normal – JUNO's Floor range is Anti-slip certified as per **UNE-ENV 12633:2003** using the Pendulum test – same method used qualifying to BS 7976-2 standard.

The JUNO floor range is classified with the highest rating for anti-slip protection; **CLASS 3** which protects in:

- wet/greasy/lubricated environments
- Interior wet areas with a grade of >6%
- Exterior areas, swimming pools



UNE-ENV 12633:2003 Pendulum Test

The certification is carried out using the Pendulum test – same method used qualifying to BS 7976-2 standard.

This method is a reliable and robust test method using a pendulum instrument to assess floor surface slipperiness.

The method has been used as the basis of Health & Safety Authority and enforcement action, and local authority advice.
The method is based on a swinging, imitation heel (using a standardised rubber soling sample), which sweeps over a set area of flooring in a controlled manner.

The slipperiness of the flooring has a direct and measurable effect on the pendulum test value (PTV) given.

■ a pendulum, used in the pendulum coefficient of friction (CoF) test (HSE's preferred method of slipperiness assessment.)

Results showing a PTV value of 36+ (UNE-ENV 12633:2003 Class 3) are considered to have a low slip potential, with moderate scores at 25-35 (UNE-ENV 12633:2003 Class 2/3) and high slip potential scores being between 0 and 24 (UNE-ENV 12633:2003 Class 1).





JUNOSOL

Easy to apply and quick-dry water-based one component floor paint.
Formulated with styrene-acrylic resins that provide great strength.
For interior and exterior use.
Cleaning and dilution with water.

Suitable for internal and external applications such as on tarmac, concrete, asphalt, walls and bricks. Ideal for painting sports facilities, line marking and car parks with light traffic.

TEST CERTIFICATES:

- Class 3 anti-slip resistance with micro-beads. (UNE-ENV 12633:2003)
- Fire retardant to B-s1,d0 standard.



THE INTERNATIONAL EPD® SYSTEM

Report No.: 057793-3-a (M1)		Receipt date: March 29th of 2016 Test end date: April 8th of 2016 Report emission date: April 11th of 2016 Report emission date (M1): October 15th of 2019
		Page 1 of 2
Client:	INDUSTRIAS JUNO, S.A.	
Contact person:	Enrique Imaz	
Address:	Barrio Saconi, 10	
Town:	48950 ERANDIO (Bizkaia)	

REFERENCE: Junosol							
STANDARD	TITLE	SAMPLE	DIRECTION 1 AVERAGE	OPPOSITE DIRECTION AVERAGE	SAMPLE AVERAGE	RESULT WET (USRV)	CLASSIFICATION AS PER TECHNICAL CODING
(1) UNE-ENV 12633:2003 Annex A	Method of determination of unpolished and polished slip/skid resistance value	1	55	57	56	55	Class 3 $R_s > 45$ (See tables I and II)
		2	57	57	57		
		3	55	55	55		
		4	55	55	55		

USRV: unpolished skid resistance value.

(1) This standard has been cancelled and replacement is awaiting.

Table I – Classification of skid resistance values

Slip resistance value R_s	Class
$R_s \leq 15$	0
$15 < R_s \leq 35$	1
$35 < R_s \leq 45$	2
$R_s > 45$	3



JUNO

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AMARILLO
COD. 06.166





DYNAPOK AGUA – WB FLOOR EPOXY

Certified hygiene epoxy coating. Ideal for spaces with reduced access to ventilation.

A two-pack epoxy coating formulated with non-toxic epoxy resin in a water-based solution. High chemical resistance and great strength.

Interior use. Cleaning and dilution with water.

Ideal where hygiene coating is specified, and essential for interior spaces with reduced access to ventilation, where conventional paints with organic solvents would be toxic.

TEST CERTIFICATES:

- Meets health related evaluation procedure for emissions of VOC's (German AgBB 2018)
- A+ Certified for clean interior environment - Non-toxicity cert.: Non migration of certain elements EN 71-3:2013+A2:2017
- Class 3 anti-slip resistant with micro-beads (UNE-ENV 12633:2003)
- Fire retardant rating for floors to Bfl-s1 standard.



THE INTERNATIONAL EPD® SYSTEM

Informe N°: 061583-1

Fecha de recepción: 28 de julio de 2018
Fecha de finalización: 22 de agosto de 2018
Fecha de emisión: 1 de septiembre de 2018

Página 1 de 2

Cliente: INDUSTRIAS JUNO, S.A.
Persona de contacto: Luis Gil
Dirección: Barrio Saconi, 10
Población: 48950 ERANDIO (Bizkaia)

REFERENCIA: Dynapok al agua

NORMA	TÍTULO	PROBETA	VALOR MEDIO DIRECCIÓN 1	VALOR MEDIO DIRECCIÓN OPUESTA	VALOR MEDIO PROBETA	RESULTADO EN HÚMEDO (USRV)	CLASIFICACIÓN SEGÚN EL USRV
(1) UNE-ENV 12633:2003 Anexo A	Método de la determinación del valor de la resistencia al deslizamiento/resbalamiento de los pavimentos pulidos y sin pulir	1	86	86	86	85	Clase 3 $R_4 > 45$ (Ver tablas I y II)
		2	80	80	80		
		3	86	87	87		
		4	87	86	86		

USRV: valor de resistencia al deslizamiento sin pulir.

(1) Esta norma está anulada, pero se está a la espera de la publicación de la norma que la sustituye.

Tabla I – Clasificación de los suelos según su resbaladilidad

Resistencia al deslizamiento R_4	Clase
$R_4 \leq 15$	0
$15 < R_4 \leq 35$	1
$35 < R_4 \leq 45$	2
$R_4 > 45$	3





PAVIMYC/JUNOPOXI – FLOOR EPOXY

Two-pack epoxy floor paint with excellent hardness and adhesion properties.

Ensures effective protection against carbonation of concrete. Resistance to acids, alkalis and solvents, and provides erosion protection to concrete pavements exposed to traffic, chemicals, cleaning systems, etc. For interior use only.

Cleaning and dilution with epoxy solvent D-90.

Product widely used on concrete floors in industrial and non- industrial settings. Ideal for indoor car parks, laboratories, chemical and pharmaceutical facilities, mechanical workshops, etc. Not recommended for use on asphalt, tar or bitumen treated surfaces.

TEST CERTIFICATES:

- Class 3 anti-slip resistant with added special micro-beads. (UNE-ENV 12633:2003)



THE INTERNATIONAL EPD® SYSTEM

Informe Nº: 061583-2		Fecha de recepción: 26 de julio de 2016
		Fecha de finalización: 22 de agosto de 2016
		Fecha de emisión: 1 de septiembre de 2016
Página 1 de 2		
Cliente:	INDUSTRIAS JUNO, S.A.	
Persona de contacto:	Luis Gil	
Dirección:	Barrio Saconi, 10	
Población:	48950 ERANDIO (Bizkaia)	

Plan de Seguridad: FUNDACIÓN TECNALIA RESEA-ARCH-ANACONTO/0001/01/40 Regula el Protocolo de Pruebas de Colores Negro OT 04/08/2017

REFERENCIA: Pavimyc-Junopoxi							
NORMA	TÍTULO	PROBETA	VALOR MEDIO DIRECCIÓN 1	VALOR MEDIO DIRECCIÓN OPUESTA	VALOR MEDIO PROBETA	RESULTADO EN HÚMEDO (USRV)	CLASIFICACIÓN SEGÚN EL CTE
(1) UNE-ENV 12633:2003 Anexo A	Método de la determinación del valor de la resistencia al deslizamiento/resbalamiento de los pavimentos pulidos y sin pulir	1	45	45	45	47	Clase 3 $R_d > 45$ (Ver tablas I y II)
		2	45	45	45		
		3	50	50	50		
		4	46	46	46		

USRV: valor de resistencia al deslizamiento sin pulir.

(1) Esta norma está anulada, pero se está a la espera de la publicación de la norma que la sustituye.

Tabla I – Clasificación de los suelos según su resbaladilidad

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





DYNAMOL – CHLOR. RUBBER FLOOR COATING

Quick-drying chlorinated rubber paint with high resistance to acids. Formulated with chlorinated rubber resins with high resistance to acids and alkalis. For interior and exterior use. Cleaning and dilution with chlorinated rubber solvent D-40.

Ideally suited for application to brickwork, swimming pool enclosures, pool structures, walls, floors, parkings, sewage tanks, etc. Also suitable for milking parlours, stables, kennels and catteries. Not suitable for painting tar and/or bituminous asphalt surfaces due to bleeding.

TEST CERTIFICATES:

- Class 3 anti-slip resistant with special micro-beads. (UNE-ENV 12633:2003)



THE INTERNATIONAL EPD® SYSTEM

Informe N°: 057793-5		Fecha de recepción: 29 de marzo de 2016
		Fecha de finalización: 8 de abril de 2016
		Fecha de emisión: 11 de abril de 2016
		Página 1 de 2
Cliente:	INDUSTRIAS JUNO, S.A.	
Persona de contacto:	Enrique Imaz	
Dirección:	Barrio Saconi, 10	
Población:	48950 ERANDIO (Bizkaia)	

REFERENCIA: Dynamol							
NORMA	TÍTULO	PROBETA	VALOR MEDIO DIRECCIÓN 1	VALOR MEDIO DIRECCIÓN OPUESTA	VALOR MEDIO PROBETA	RESULTADO EN HÚMEDO (USRV)	CLASIFICACIÓN SEGÚN EL CTE
(1) UNE-ENV 12633:2003 Anexo A	Método de la determinación del valor de la resistencia al deslizamiento/resbalamiento de los pavimentos pulidos y sin pulir	1	70	70	70	70	Clase 3 $R_d > 45$ (Ver tablas I y II)
		2	75	70	72		
		3	70	70	70		
		4	70	70	70		

USRV: valor de resistencia al deslizamiento sin pulir.

(1) Esta norma está anulada, pero se está a la espera de la publicación de la norma que la sustituye.

Tabla I – Clasificación de los suelos según su resbaladilidad

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





JUNORETANO/POXEMYC UV – PU COATING

2-component polyurethane enamel for Junomatic industrial tintometric system. Great weather resistance. For indoor and outdoor use.

Cleaning and dilution with Junoretano solvent D-70

Recommended for the effective protection of all kinds of surfaces exposed to aggressive atmospheres in industrial and marine environments (metal, concrete, wood, polyester, PVC, fibreglass, ABS, etc.).

TEST CERTIFICATES:

- Class 3 anti-slip resistant with added special micro-beads. (UNE-ENV 12633:2003)
- Fire retardant to B-s1,d0 standard.



THE INTERNATIONAL EPD® SYSTEM

Report No.: 060705-a (M1)

Receipt date: June 18th of 2016
Test end date: June 28th of 2016
Report emission date: July 4th of 2016
Report emission date (M1): October 15th of 2019

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Client: INDUSTRIAS JUNO, S.A.
Contact person: Luis Gil
Address: Barrio Saconi, 10
Town: 48950 ERANDIO (Bizkaia)

Para más información: FUNDACIÓN TECNALIA/RESEARCH & INNOVATION OF THE FUNDACIÓN DE INVESTIGACIÓN Y DESARROLLO TECNOLÓGICO

REFERENCE: Poxemyc UV/Junoretano

STANDARD	TITLE	SAMPLE	DIRECTION 1 AVERAGE	OPPOSITE DIRECTION AVERAGE	SAMPLE AVERAGE	RESULT WET (USRV)	CLASSIFICATION AS PER TECHNICAL CODING
(1) UNE-ENV 12633:2003 Annex A	Method of determination of unpolished and polished slip/skid resistance value	1	46	48	45	47.5	Class 3 $R_q > 45$ (See tables I and II)
		2	47	48	45		
		3	48	49	50		
		4	50	49	50		

USRV: unpolished skid resistance value.

(1) This standard has been cancelled and replacement is awaiting.

Table I – Classification of skid resistance values

Slip resistance value R_q	Class
$R_q \leq 15$	0
$15 < R_q \leq 35$	1
$35 < R_q \leq 45$	2
$R_q > 45$	3



Check out our Floor coatings brochure/Colour card for more information or visit our website www.junopaints.ie



Floor and vertical surface coatings

Surface Preparation

All surface types:

- Surfaces must be firm, dry, clean and porous, preferably floated and not polished.
- The surface humidity level cannot exceed 4% measured at 2 cm depth.
- Repair cracks, fissures and imperfections with suitable products.
- Once treated, remove dust efficiently before proceeding with application.

Once the surface is prepared, it is important to use a suitable primer to obtain an optimal and long-lasting finish.

Concrete Surfaces:

- A minimum of 30 days must elapse after the concrete setting, before the paint application.
- On very smooth surfaces, carry out a mechanical milling, shot-blasting, sanding, sand-blasting) in order to favour the proper penetration and adhesion of the product.

Asphalt Surfaces:

- Use water-based products to avoid discoloration and bleeding problems (
- Treat grease, oil and road stains, etc. with suitable solvents and/or detergents, rinse with water and allow surface to completely dry out. Sandblast if necessary.

Water-based options

DYNAPOK AGUA FLOOR PRIMER 2/C 07.360

Two-component water-based epoxy primer with excellent mechanical and chemical properties. Adhesion to mineral surfaces and old paints, forming a very hard film.

Recommended for sealing and consolidating concrete, asphalt and food industry surfaces as well as places with poor ventilation. Also suitable as a protective finishing varnish (gloss finish) on concrete surfaces.

Finish: Clear. Finish: Satin. Dilution: Water.

JUNOSOL

One-pack water-based floor paint. Great hardness and resistance to abrasion, good penetration power, ease of application, good adhesion, hardness and flexibility. Recommended for painting sports facilities, storage rooms, parking lots and concrete or asphalt surfaces.

Finish: Semi-matt
Cleaning and thinning: Use water.

Certifications:
Fire Retardant to B-s1
Anti-slip resistant to Class 3

White 06.162	Light Grey 06.164	Cement Grey 06.163
Tennis Green 06.150	Tennis Red 06.160	Yellow 06.166
Green 07.144	English Red 07.143	Grey 07.145

Solvent-based options

IMPRIMAX 2/C PRIMER 48.725

Two-component solvent-based epoxy primer. Great mechanical and chemical resistance, with excellent adhesion on mineral substrates, old paints and little porous surfaces.

Recommended for use in industrial applications, warehouses, covered/indoor parking lots and heavy traffic areas. Excellent as adhesion promoter on concrete surfaces, tiles, stoneware etc.

Color: Clear. Finish: Semi-gloss. Dilution: Do not dilute

DYNAMOL

One-component quick-drying chlorinated rubber paint. Great resistance in industrial environments, tacking acids and alkalis. Good mechanical resistance.

Recommended for painting and protecting general surfaces, ground and parking signposting, garages, sports facilities, etc. Not recommended on tar and/or bituminous surfaces.

Finish: Satin
Cleaning and thinning: Chlorinated rubber thinner (D-40).

Certifications:
Fire Retardant to B-s1
Anti-slip resistant to Class 3

White (RAL 9010) 09.500	Black 09.501	Pearl Grey 09.533
Tennis Red 09.568	Bright Red 09.553	Yellow 09.525
English Red 07.882	Green 07.814	Grey 07.807

DYNAPOK 2-PACK WATER-BASED EPOXY

Two-pack water-based epoxy enamel. Excellent adhesion on mineral substrates and on previously painted surfaces. Great mechanical and chemical resistance and low VOC content.

Recommended for general use in industrial applications, especially suitable in food industries hospital and healthcare installations, showrooms, asphalt surfaces, places with poor ventilation, or when a completely water-based system is specified or required.

Finish: Satin
Cleaning and thinning: Use water.

Certifications: Fire Retardant to B-s1, Anti-slip resistant to Class 3
Non-toxicity certificate: Non migration of certain elements EN 71-3:2013+A2:2017
German AgBB 2016, A+ Certified for clean interior environment.

PAVIMYC 2/C EPOXY COATING

Two-component solvent-based epoxy coating. Provides strong adhesion and tough resistant finish. Excellent chemical resistance, increases surface hardness and resistance to abrasion. Seals, waterproofs and protects surfaces.

Recommended for concrete floors in indoor parking lots and garages, laboratories, chemical and pharmaceutical plants, refineries, mechanical workshops and in general on all types of industrial and logistical floors, both new and old. Not recommended for tar and/or bituminous surfaces.

Finish: Gloss
Cleaning and thinning: D-90 Solvent/Thinner.

Certifications: Fire Retardant to B-s1, Anti-slip resistant to Class 3

JUNOMATIC TINTING SYSTEM

White (P-BASE) 07.132	Deep (TR-BASE) 07.133
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FOR ANTI-SLIP OPTION

ADD ANTI-SLIP MICROBEADS
Polypropylene microbeads suitable allowing for non-slip properties on wet surfaces.

07.250

Certifications: Class 3 Anti-slip test

Your total solutions provider

Decorative – Industrial - Protective

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