



BARNIZ POLIURETANO 2113 GLASS

SALES FORMAT

KIT: 12Kg, 3Kg, 0,750Kg



DESCRIPTION

Clear two-component polyurethane varnish based on hydroxylated acrylic resin and aliphatic isocyanate, with maximum hardness, excellent flexibility and high chemical and abrasion resistance. Excellent performance finish coat in epoxy-polyurethane systems. Repair and restoration of bathrooms, kitchens, tiles, electrical appliances, etc. Suitable for rural, marine and industrial environments of high aggressiveness.

SCOPE OF APPLICATION

Exterior/Interior
 Graffiti Protection
 Pavements
 Concrete
 Brick
 Stone

PROPERTIES

- Resistant to atmospheric agents
- Abrasion resistance
- Impact resistant
- Elasticity
- Very good adhesion
- Does not form blisters
- Excellent hardness
- Mixing time: 6h at 20°.

TECHNICAL DATA

Colour	Colourless	
Glossy Finish	Brightness 60°: 95 ± 5	UNE-EN ISO 2813
Satin Finish	Brightness 60°: 65 ± 5	UNE-EN ISO 2813
Matte Finish	Brightness 60°: 15 ± 5	UNE-EN ISO 2813
Density (A+B)	1,00 ± 0,05 g/ml	UNE- EN ISO 2811-1
Viscosity (A+B)	70 ± 10 KU	UNE 48076
Solids by volume (A+B)	47 ± 2%	UNE-EN ISO 23811
Fire classification	A2-s1,d0/ A2fl-s1	UNE-EN 13501-1 5237T24-2/5335T24
VOC	< 500 g/L . EU maximum permitted value: 500 g/L.	2004/42/II A classification (j)

Theoretical performance	10-12 m2/Kg (40 microns dry)	
Drying times	Drying	5-6 hours
	Full cure	7 days
Repainting time	16 hours minimum	
	48 hours max. (after this time sanding is required)	
Dilution	0-10%	
Diluent	SOLVENT 310 POLYURETHANE	
Cleaning	UNIVERSAL SOLVENT 302	

PREPARATION OF THE SUBSTRATE

GENERAL

Outdoors, do not apply if rain is expected, in full midday sun or on very humid days. Excessive humidity impairs both dry film strength and appearance. Moisture interferes negatively between the base component and the catalyst, partly inhibiting polymerisation. It is very important to control it.

SUPPORT CONDITIONS

* For porous materials, before applying the Matt or Satin finishes, it is essential to apply a first sealing coat with the Gloss finish, as it may happen that the matting waxes do not penetrate the substrate, remaining on the surface and forming a white opaline film.

UNPAINTED OR NEW SURFACES

Surfaces must be degreased, clean and dry. Concrete and cement: remove any areas with poor adhesion, cement laitance, etc. and apply directly.

ALREADY PAINTED SURFACES

If the previous paintwork is in good condition, clean and sand the surface and check that POLYURETHANE VARNISH 2113 GLASS does not soften or wrinkle it, otherwise, remove it completely and proceed as for new surfaces.

NOT RECOMMENDED SURFACES

Damp surfaces, unpainted metals and wood and non-porous surfaces.

CONDITIONS OF APPLICATION

Substrate Temp.	Min. + 10°C / Max. + 35°C
Ambient Temperature	10°C / 35°C
Rocio Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of detachment or efflorescence.

APPLICATION SYSTEM

APPLICATION SYSTEM	PRODUCT	PERFORMANCE	DILUTION	LAYERS
PRIMER (Satin and Matt Finish)	POLYURETHANE VARNISH 2113 GLASS GLOSS	10-12 m ² /L - 10-12 m ² /Kg (40 microns dry)	0-10% SOLVENT 310 POLYURETHANE	1 o 2
FINISH (Satin, Matt)	POLYURETHANE VARNISH 2113 GLASS SATIN OR MATT	10-12 m ² /L - 10-12 m ² /Kg (40 microns dry)	0-10% SOLVENT 310 POLYURETHANE	1 o 2
FINISH (Gloss)	POLYURETHANE VARNISH 2113 GLASS GLOSS	10-12 m ² /L - 10-12 m ² /Kg (40 microns dry)	0-10% SOLVENT 310 POLYURETHANE	1 o 2

RECOMMENDATIONS FOR IMPLEMENTATION

Preparation of the product:

Shake until a good mixture of the product and its catalyst is obtained. Mix in the ratio of 2:1 by weight or 2.1:1 by volume (base:catalyst), stir and wait 20 minutes before application to allow the reaction to start. Use the mixture within 6 hours at 20°C. Shake periodically. Readjust viscosity.

Method of application:

It can be applied by brush, roller, spray gun or airless spray gun.

For its application by brush or roller does not require dilution. For application by spray gun dilute up to a viscosity of 28-32 seconds Cup Ford N-4, with 5-10% of SOLVENT 310 POLYURETHANE.

For airless spray application, dilute up to a viscosity of 60 seconds Cup Ford N-4, with 0-5% of the same solvent.

ADDITIONAL DATA

Health and safety

For any information concerning safety issues in the use, storage, transport and disposal of this product, users should refer to the labelling and the most recent version of the MSDS, which contains physical, ecological, toxicological and other relevant data. WASTE: HAZARDOUS. LER CODE: 080111

Storage

The stability of the product in its original unopened containers, at ambient temperatures of not more than 30 °C and not less than 5 °C shall be 12 months from the date of manufacture. Storage shall be in a cool, dry place, in their original containers, tightly closed, undamaged and protected from frost and direct sunlight.

Tariff heading

TARIC code: 3208 90 91

Note

Note: The data indicated in this technical data sheet may be modified according to possible variations in formulation and in any case express indicative values that do not exempt from carrying out the appropriate tests of suitability of the product for a particular job. For any doubt regarding the treatment of the surfaces mentioned above or for the painting of other specific materials not included in this data sheet, consult the appropriate treatment to technical personnel accredited by GRUPO .