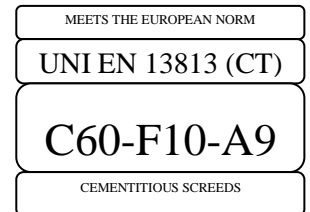
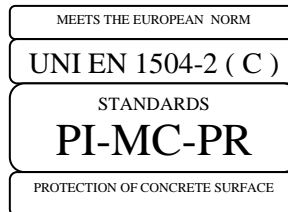




WINPOX CEMENT SL

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DESCRIPTION OF THE PRODUCT

WINPOX CEMENT SL is a self-leveling, high strength mortar, based on epoxy resins, specially formulated for the preparation of cementitious substrates also if wet. Suitable for thicknesses from 1 to 7 mm.

APPLICATION FIELDS

It's a product developed to allow the leveling of uneven and wet surfaces, which need a vapor barrier of high-strength and thickness. It can be used also as a primer for cycles which need finishes in epoxy, polyurethanes or epoxy-polyurethanes resins, for the treatment of flooring, even if industrial.

It can be coated with all the liquid membranes of the range WINKLER, with WFZ5 WINFLEX - CEMENT and WINFLEX-CEMENT SUPER, with cementitious adhesives as ROYAL SUPER SP, with the waterproof adhesive BOND CEMENT, with ROYAL EXTRA R for fast bonding and with the waterproofing adhesion promoter for balconies, terraces and bathrooms WINGRIP BITUMINOSO.

When used with the primer UNIBAR FORMULA and polyurethane finishing WINPAINT, it composes a cycle of exceptional strength for finishing industrial and civil floors, also for vehicular traffic, both indoors and outdoors.

PREPARATION OF SUPPORT

Surfaces should always be prepared by shot blasting or scarifying and must be free from dust and loose, inconsistent or contaminated layers by demonstrating a tear resistance of not less than 1.5 MPa.

To ensure continuity in the corners, use WINPOX CEMENT TIXO to create coves.

Make recoating with WINPOX CEMENT SL on straight, precise lines and preferably perfectly alongside the share-out joints of the cement floor. Tape the already hardened surface to prevent unaesthetic overlaps.

Apply at temperatures between + 5 ° C + 35 ° C.

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ADVICES

Do not add ANY additive nor water.
Do not use the product if the packaging is damaged.
Sanding before over-applying other products.

APPLICATION EXAMPLES

RIDABLE FLOORS:

WINPOX CEMENT SL, vapor barrier layer
UNIBAR FORMULA, primer
WINPAINT, colored, non-yellowing finish

CONSUMPTION:

WINPOX CEMENT SL: 4/5 kg/m²
UNIBAR FORMULA: 150 g/m²
WINPAINT: 250 g/m² (in two coats)

POOL CYCLE WITH RESIN FINISHING.

WINPOX CEMENT SL, horizontal layer for vapor barrier
UNIBAR FORMULA primer
WINPAINT P, colored, non-yellowing finish

CONSUMPTION:

WINPOX CEMENT SL: 4/5 kg/m²
UNIBAR FINITURA: 150 g/m²
WINPAINT P: 250 g/m² (in two coats)

POOL CYCLE WITH TILED/MOSAIC FINISHING.

WINPOX CEMENT SL, horizontal layer for vapor barrier
BOND CEMENT e/o ROYAL SUPER SP and/or ROYAL EXTRA R (fast adhesive)
WINSTUCCO FLEX.

CONSUMPTION:

WINPOX CEMENT SL:	4/5 kg/m ²
BOND CEMENT e/o ROYAL SUPER SP and/or ROYAL EXTRA R (Fast adhesive)	3,5 kg/m ²
WINSTUCCO FLEX.	0,5 kg/m ²

APPLICATION

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Add the component B to component A. Mix carefully avoiding entrapment of air bubbles: once the mixture is homogeneous in all its parts add, slowly, the charge with selected aggregates (component C), and keep on mixing until obtaining a homogeneous mixture.

Wet the substrate, where it is dry, apply the product by trowel and help levelling by spiked roller.

CONSUMPTION

2,1 kg/m²per mm of thickness.

PACKAGING

16 Kg packaging composed by:

Component A	1.20 kg
Component B	2.80 kg
Component C	12.0 Kg

Single packs for a total of 32 Kg composed by:

Component A	2.40 kg
Component B	5.60 kg
Component C	24.0 kg

STORAGE

WINPOX CEMENT SL stored in a cool, dry place in its original sealed packages, has a shelf life of 12 months. The resin has a tendency to crystallization especially if stored at low temperatures. This effect can disappear without influence on the quality, through a low agitation of the separate components by heating them by water bath, up to a maximum of 50 °C.

SAFETY INSTRUCTIONS

PRECAUTIONS

For information about safety, user must refer to the most recent Safety Data Sheet (which contains physical, chemical and other data about the product) edited in accordance with the regulations in force,

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ECOLOGY

Do not dispose the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about proper disposal.

TECHNICAL FEATURES (average values)

PRODUCT FEATURES

Colour	:	grey	
Density at 20°C (g/cm ³)	:	2,10	
Texture	:	self levelling mortar	
Workable time	:	25 minutes	
Consumption	:	2,10 kg/m ² /mm	
- Dry at touch	:	5 - 8 hours	
- Carefully walkable	:	20 hours	
- Carefully rideable	:	24 hours	
- Second layer	:	48 hours	
- Completely harden	:	30 days	
Resistance to compression UNI EN 196	:	24 hours	30 ± 5 MPa
	:	3 days	50 ± 5 MPa
	:	28 days	65 ± 5 MPa
Flexural strength UNI EN 196	:	24 hours	5 ± 1,5 MPa
	:	3 days	9 ± 1,0 MPa
	:	28 days	17 ± 2 MPa
Elastic module UNI 6556	:	20.000 MPa	
Thermal dilation coefficient	:	< 15.10 ⁻⁶	
Adhesion to concrete ASTM D 4541 UNI 8298 p.1°	:	> 3 MPa	
Surface resistance to rip ASTM D 4541 UNI 8298 p. 1°	:	> 3 MPa	
Fire reaction UNI 9177	:	class 1	
Flammability	:	flammable	
Resistance to negative pressure UNI EN 12390-8 (on concrete A/C: 0,6)	:	7bar	

Product meets with prescriptions of 2003/53/CE Directive.

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