



# BARNIZ PARQUET POLIURETANO MONOCOMPONENTE

## SALES FORMAT

4L, 750ML



## DESCRIPTION

Polyurethane varnish with high resistance to abrasion, which reticulates in the presence of environmental humidity, providing hard and flexible coatings, with excellent resistance to impact and chemical agents (water, oils and greases, cleaning products, etc.). Glossy or satin finish of great beauty and perfect levelling and maximum resistance to rubbing.

## SCOPE OF APPLICATION

Inside  
Wood  
Cork  
Parquet  
Concrete

## PROPERTIES

- Good hardness and washability
- Excellent elasticity
- Excellent adhesion
- Fully transparent
- High abrasion resistance
- Chemical resistance
- Good applicability
- High impact resistance

## TECHNICAL DATA

Chemical composition	Polyurethane resin	
Colour	Colourless	
Finishing	Glossy and Satin	
Density	1,00 ± 0,03 g/ml	UNE- EN ISO 2811-1
Viscosity	290-590 mPa-s (Bright)	ASTM D 2196-10
Viscosity	160-370 mPa-s (Satin)	ASTM D 2196-10
Solids by volume	40 ± 2% (Glossy)	UNE-EN ISO 23811
Solids by volume	55 ± 2% (Satin)	UNE-EN ISO 23811

VOC	< 49% weight	R.D. 117/2003
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Theoretical performance	9-11 m <sup>2</sup> /L (40 microns dry)	
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Drying times	<b>Drying without stickiness</b>	1 hour
	<b>Total drying</b>	3-4 hours

Repainting time	6h and 48h max. (after this time sanding is required)	
	Transitability	
	After 48 hours	

Dilution	0-30%	
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Diluent	TKROM SOLVENT 310 POLYURETHANE	
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Cleaning	TKROM DISOLVENTE UNIVERSAL 302	
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## PREPARATION OF THE SUBSTRATE

### GENERAL

Outdoors, do not apply if rain is expected, in full midday sun or on humid days.

### UNPAINTED WOOD OR CORK SURFACES

The surface must be clean, dry and dust-free. In the case of wood, sand and remove any glue residues in the joints and fill any possible machining faults. Wood with signs of ageing must be previously sanded and cleaned. TKROM PARQUET VARNISH POLYURETHANE ONE COMPONENT films can be overvarnished as soon as they have reached a degree of dryness where no tackiness is present. It is recommended not to exceed the recoating times of a minimum of 6 hours and a maximum of 48 hours. If longer waiting times are required, it is necessary to sand the previous coat.

### PAINTED WOODEN SURFACES

If the varnish is in good condition, remove cracked and not perfectly adhered areas. Putty imperfections and irregularities. Sand the entire surface and clean it of dust, grease or dirt. It can also be washed with a diluted solution of ammonia in water and sanded carefully before applying TKROM BARNIZ PARQUET POLIURETANO POLIURETANO MONOCOMPONENTE. If the varnish is in poor condition, poorly adhered, cracked, chipped, etc., remove it completely and proceed as described for new surfaces.

## CONDITIONS OF APPLICATION

<b>Substrate Temp.</b>	Min. + 5°C / Max. + 35°C
<b>Ambient Temperature</b>	5°C / 35°C
<b>Rocio Point</b>	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
FINISH	TKROM BARNIZ PARQUET POLIURETANO MONOCOMPONENTE BRILLO	9-11 m <sup>2</sup> /L (40 microns dry)	TKROM SOLVENT 310 POLYURETHANE	2
FINISH	TKROM BARNIZ PARQUET POLIURETANO MONOCOMPONENTE SATINADO	13-15 m <sup>2</sup> /L (40 microns dry)	TKROM SOLVENT 310 POLYURETHANE	2

## RECOMMENDATIONS FOR IMPLEMENTATION

**Product preparation:** Stir until the product is well homogenised. Stir again periodically. Adjust viscosity for the first coat in case of new surfaces. In long processes evaporations will occur, readjust the viscosity. An excessively energetic thinner may be advisable to reduce the proportion of thinner.

**Method of application:** It can be applied by brush and spray, the best results being obtained by application with a flat, soft bristle brush.

For better penetration and wetting of the substrate, apply the first coat by diluting TKROM POLYURETHANE VARNISH MONOCOMPONENT 60:40 with TKROM SOLVENT 310 POLYURETHANE or TKROM SOLVENT 315 SPECIAL POLYURETHANE.

Successive coats, usually two or three, should be applied undiluted and at the indicated time intervals.

It is advisable to use the entire contents of the container, as the rest of the contents not consumed may gel during subsequent storage due to polymerisation by humidity.

For spray gun application, dilute 5-10% with TKROM SOLVENT 310 POLYURETHANE, until a viscosity of 25 seconds cup Ford n° 4 at 25°C is achieved. Use a 1.5-1.8 mm diameter nozzle and an air pressure of 2.5-3.5 kg/cm<sup>2</sup>.

Surfaces can be walked on 48 hours after application.

## 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 to check the suitability of the product for a specific job. For any doubts regarding the treatment of the surfaces mentioned above or for the painting of other specific materials not covered in this data sheet, consult the appropriate treatment with technical personnel accredited by the TKROM GROUP.