

TKROM BARNIZ PARQUET



PRODUCT DESCRIPTION

Polyurethane varnish with high resistance to abrasion, which reticulates in the presence of air humidity, providing hard and flexible finishes, with an excellent resistance to impacts and chemical agents (water, oils and greases, cleaning products, etc.). Beautiful glossy or satin finish with perfect levelling and top resistance to friction.

USES / SCOPE OF APPLICATION

- Specifically designed for wooden floors, cork and other decorative elements.
- Indoor use.
- Wood.
- Cork.
- Parquet.

| CONTAINER | SIZE |
|-----------|--------|
| Metal | 750 ml |
| Metal | 4 L |
| Metal | 12,5 L |

CHARACTERISTICS / BENEFITS

- Good hardness.
- Excellent elasticity.
- Good washability.
- Good penetrative power.
- Completely transparent.
- Great abrasion and impact resistance.
- Chemical resistance.
- Easy to apply.
- Very fast drying.
- Odourless when dry.
- Excellent adhesive properties.

PRODUCT PROPERTIES

| APPEARANCE OF THE DRY FILM | VALUE | STANDARD | REPORT |
|----------------------------|----------|----------|--------|
| COLOUR | Incoloro | | |

| PHYSICAL PROPERTIES | VALUE | STANDARD | REPORT |
|---------------------|---|-------------------|--------|
| DENSITY | GLOSSY = 1,01-1,05 g/ml SATIN = 0,96-1,00 g/ml | UNE-EN ISO 2811-1 | |
| VISCOSITY (ISO) | GLOSSY = 290-590 mPas SATIN = 160-370 mPas | UNE-EN ISO 2431 | |

| REFERRING TO ITS FORMULATION | VALUE | STANDARD | REPORT |
|---|-----------------------------------|----------------------------|--------|
| CONTENT IN NON-VOLATILE MATERIAL (MASS) | GLOSSY = 48-50% SATIN = 39-41% | UNE-EN ISO 3251 | |
| CONTENT IN NON-VOLATILE MATERIAL (VOLUME) | GLOSSY = 38-40% SATIN = 23-25% | UNE-EN ISO 23811 | |
| MAXIMUM ADMISSIBLE COV CONTENT | 400 g/L | 2004/42/II A clasificación | |
| MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT | 400 g/L | 2004/42/II A clasificación | |

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| APPLICATION PROPERTIES | VALUE | STANDARD | REPORT |
|------------------------|---|-----------------------------|--------|
| THEORETICAL YIELD | 5-7m ² /L - 5-7 m ² /kg a 40µm secas | UNE-EN ISO 23811 | |
| 1st COAT THINNING | 0,4 | SEGÚN SISTEMA DE APLICACION | |
| THINNER | TKROM Disolvente 310 Poliuretano / TKROM Disolvente 315 Poliuretano Especial | | |

MEDIUM CONDITIONS

MEDIUM PREPARATION

NON-PAINTED WOODEN OR CORK SURFACES

- The surface should be clean, dry and dust free. In the case of wood, sand and remove any traces of glue in the joints, and use putty to fill in any machining faults. Wood showing signs of ageing must first be sanded and cleaned. TKROM PARQUET VARNISH films can be varnished over as soon as they are tack free. Repainting should take place after a minimum of 6 hours, and within a maximum of 48 hours. If longer waiting times are required, the previous coat should be sanded.

PAINTED WOODEN SURFACES

- If the varnish is in good condition, remove any cracked and not perfectly bonded areas. Use filler to fill any imperfections and irregularities. Sand the entire surface and clean any dust, grease or dirt. It can also be washed with an ammonia solution diluted in water, and sanded carefully before applying TKROM PARQUET VARNISH. If the varnish is in poor condition, incorrectly bonded, cracked, peeling, etc., remove it completely and proceed as described for new surfaces.

APPLICATION SYSTEM

| SYSTEM | PRODUCT | THEORETICAL YIELD | DILUTION | COATS |
|--------|-----------------------|--------------------------------|--------------|--------------|
| FINISH | TKROM PARQUET VARNISH | 7-9 m ² /l per coat | use normally | 2 MINIMUM |

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APPLICATION PROCESSES

| PROCESS | INSTRUCTIONS |
|---------------------|--|
| PRODUCT PREPARATION | <ul style="list-style-type: none"> · Stir until the mixture is properly homogenised. · Stir again at regular intervals. · If applying on new surfaces, adjust the viscosity of the first coat. · Evaporation will take place during prolonged application, so the viscosity will have to be adjusted. · If the thinning agent is very strong, the proportion may have to be reduced. |
| APPLICATION | <ul style="list-style-type: none"> · It can be applied with a brush and spray gun, with best results using a soft hair flat brush. · For better penetration and moisturising of the substrate, apply the first coat by thinning TKROM PARQUET VARNISH at 60:40 with TKROM 310 POLYURETHANE THINNER TDS-6903 or TKROM 315 SPECIAL POLYURETHANE THINNER TDS-6904 · Subsequent coats, usually two or three, should be applied without thinning and according to indicated time intervals. · It is recommendable to use all the contents in the container, since the unused portion may turn into gel during storage due to polymerisation by moisture. · If applying with a spray gun, dilute between 5 and 10% with TKROM POLYURETHANE 310 THINNER TDS-6903, until a viscosity of 25 seconds is achieved in a no. 4 Ford cup at 25°C. · Use a 1.5-1.8 mm diameter nozzle and air pressure at 2.5-3.5 kg/cm². · Surfaces can be walked on 48 hours after application. |
| TOOL CLEANING | <ul style="list-style-type: none"> · All tools that are used must be cleaned immediately after use with any of the recommended thinners, or with TKROM 302 UNIVERSAL THINNER (TDS-6961). |

WAIT TIMES

Drying at 20°C and 65% relative humidity: The product is tack free in 1 hour. Fully dry in 3-4 hours. It can be painted over after a minimum of 6 hours, and within a maximum of 48 hours (after which it should be sanded lightly).

SAFETY

Users should refer to the labelling and the latest version of the product's Safety Data Sheet for any information regarding safety issues related to use, storage, transport and waste disposal. The Safety Data Sheet contains all of the physical, environmental and toxicological data on the product, and information on all other issues related to this topic.

| SAFETY SHEET | LER CODE | WASTE TYPE |
|---------------------------|----------|------------|
| MSDS-6807 | 08 01 11 | HAZARDOUS |

STORAGE

When kept in its original unopened container at room temperatures below 30°C and above 5°C, the product will remain stable for 6 months from the date of manufacture.

It should be stored in a cool, dry place, in its original properly sealed and undamaged container, protected from frost and direct sunlight.

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TARIFF HEADING

TARIC code: 3208 90 91

Note: The data presented in this technical data sheet may be modified based on possible changes in formation. In any case, values are provided for information purposes only, and the suitability of the product for a certain job should always be tested.

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