

TKROM BARNIZ TINTE MATE



PRODUCT DESCRIPTION

Varnish-dye for wood, modified with polyurethanes, smooth and matte finish, suitable for dyeing, varnishing and decorating all kinds of wooden surfaces, both outdoors and indoors. Very good resistance for outdoor use, it has good hardness, elasticity and transparency, and an excellent satin gloss finish that emphasises the grain in the timber.

USES / SCOPE OF APPLICATION

- To colour and varnish all kinds of wooden surfaces with a matte finish in a single operation, such as:
 - Furniture.
 - Shelves.
 - Doors.
 - Fences.
 - Windows.
 - Shutters.

CONTAINER	SIZE
Metal	250 ml
Metal	750 ml

CHARACTERISTICS / BENEFITS

- Good hardness.
- Very elastic.
- Washable.
- Excellent penetration.
- Very good film-former.
- Low yellowing.
- Easy to apply.
- Good chemical resistance.
- Excellent adhesive properties.
- Fast drying.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Carta y colores s/muestra		
FINISH	Mate	UNE-EN 13300	

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,03-1,07 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (ISO)	60-70 KU	ENSAYO INTERNO	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	63-65%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	50-52%	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	

tkrom®

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	11-13 m ² /L - 11-13 m ² /kg a 40µm secas	UNE-EN ISO 23811	
THINNING	0-10%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Aguarras / TKROM Simil Aguarras / TKROM Disolvente 345 Sinteticos y Grasos		

SPECIFIC PROPERTIES	VALUE	STANDARD	REPORT
CLASSIFICATION ACCORDING TO FIRE PERFORMANCE	B-s1,d0	UNE-EN 13501-1:2007 + A1	2711T14

MEDIUM CONDITIONS

If outside, do not apply if rain is forecast, in strong midday sun or on very humid days.

MEDIUM PREPARATION

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, clean away any dust, grease and dirt and apply TKROM MATTE DYE VARNISH. If the varnish is in poor condition, incorrectly bonded, cracked, peeling, etc., remove it completely and proceed as described for new surfaces.

NON-PAINTED WOODEN SURFACES

- Dry sand lightly to remove any raised fibres. Seal imperfections (knots, holes, grains, joints) using a suitable sealant, or fill with Tkrom Plast plaster powder, or synthetic putty. Apply a first coat diluted by 15% to 20% with TKROM MATTE DYE VARNISH of the desired colour, to ensure that the product penetrates well. The more porous and absorbent the timber is, the more the grain will stand out, and the desired colour will be more intense. If you want to soften the contrast and achieve less intense but more uniform colours, apply the transparent version of the first product as the first coat, and the desired colour as the second coat. If instead you want to achieve darker shades, apply both the first and second coats in the chosen colour. In all cases, each coat should be left to dry for 24 hours; sand lightly and remove dust between coats. After obtaining the desired colour, subsequent coats, which should be transparent- should be applied undiluted or diluted by a maximum of 5%; sand lightly between coats.

Indoors:

- Once the desired shade has been obtained, -be it with one or two coats-, the quality of the finish can be enhanced by applying a final coat of transparent TKROM MATTE DYE VARNISH.

Outdoors:

- It is advisable to apply a first coat of an open pore fungicide protector for timber, followed by the first coat of transparent or coloured TKROM MATTE DYE VARNISH, depending on the previously mentioned colour intensity criteria. After this, apply 2 or 3 coats of TKROM MATTE DYE VARNISH. If the desired shade has been obtained with the first coat, it is also possible to control the final colour by applying 1 or 2 more coats of a colour that is less intense than the chosen one. This achieves better weather resistance than applying the transparent varnish, as increasing the pigmentation has a positive effect on conserving the colour and strength of the finished film.

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING (NEW WOOD)	OPEN PORE FUNGICIDE VARNISH	DEPENDING ON THE PRODUCT	DEPENDING ON THE PRODUCT	1 or 2



APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Stir until the mixture is properly homogenised. · Stir again at regular intervals. · Adjust viscosity. · 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 or spray gun. · Apply evenly and extend as much as possible to obtain a maximum of 75 microns wet, thereby avoiding long drying times, wrinkles, trapped dirt, etc. · To apply with a brush, dilute the product as instructed, depending on whether it is the first coat or subsequent coats, with the indicated amount of Tkrom 345 Thinner for Synthetics or Tkrom Turpentine Thinner. · If applying with a spray gun, dilute by 5 to 10% using Tkrom Thinner 345 for Synthetics, 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.
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 dry in 3-4 hours. It can be painted over after 24 hours.

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-6503	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 24 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.

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.

tkrom®

TKROM BARNIZ TINTE SATINADO



PRODUCT DESCRIPTION

Varnish-dye for wood, modified with polyurethanes, smooth and satin finish, suitable for dyeing, varnishing and decorating all kinds of wooden surfaces, both outdoors and indoors. Very good resistance for outdoor use, it has good hardness, elasticity and transparency, and an excellent satin gloss finish that emphasises the grain in the timber.

USES / SCOPE OF APPLICATION

- To colour and varnish all kinds of wooden surfaces with a satin finish in a single operation, such as:
 - Furniture.
 - Shelves.
 - Doors.
 - Fences.
 - Windows.
 - Shutters.

CONTAINER	SIZE
Metal	250 ml
Metal	750 ml

CHARACTERISTICS / BENEFITS

- Good hardness.
- Very elastic.
- Washable.
- Excellent penetration.
- Very good film-former.
- Low yellowing.
- Easy to apply.
- Good chemical resistance.
- Excellent adhesive properties.
- Fast drying.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Carta y colores s/muestra		
FINISH	Satinado	UNE-EN 13300	

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,02-1,05 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (ISO)	60-70 KU	ENSAYO INTERNO	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	62-64%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	50-52%	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	

tkrom®

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	11-13 m ² /L - 11-13 m ² /kg a 40µm secas	UNE-EN ISO 23811	
THINNING	0-10%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Aguarras / TKROM Simil Aguarras / TKROM Disolvente 345 Sinteticos y Grasos		

SPECIFIC PROPERTIES	VALUE	STANDARD	REPORT
CLASSIFICATION ACCORDING TO FIRE PERFORMANCE	B-s1,d0	UNE-EN 13501-1:2007 + A1	2711T14

MEDIUM CONDITIONS

If outside, do not apply if rain is forecast, in strong midday sun or on very humid days.

MEDIUM PREPARATION

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, clean away any dust, grease and dirt and apply TKROM SATIN GLOSS DYE VARNISH. If the varnish is in poor condition, incorrectly bonded, cracked, peeling, etc., remove it completely and proceed as described for new surfaces.

NON-PAINTED WOODEN SURFACES

- Dry sand lightly to remove any raised fibres. Seal imperfections (knots, holes, grains, joints) using a suitable sealant, or fill with Tkrom Plast plaster powder, or synthetic putty. Apply a first coat diluted by 15% to 20% with TKROM SATIN GLOSS DYE VARNISH of the desired colour, to ensure that the product penetrates well. The more porous and absorbent the timber is, the more the grain will stand out, and the desired colour will be more intense. If you want to soften the contrast and achieve less intense but more uniform colours, apply the transparent version of the first product as the first coat, and the desired colour as the second coat. If instead you want to achieve darker shades, apply both the first and second coats in the chosen colour. In all cases, each coat should be left to dry for 24 hours; sand lightly and remove dust between coats. After obtaining the desired colour, subsequent coats, which should be transparent- should be applied undiluted or diluted by a maximum of 5%. Sand lightly between coats.

Indoors:

- Once the desired shade has been obtained, -be it with one or two coats-, the quality of the finish can be enhanced by applying a final coat of transparent TKROM SATIN GLOSS DYE VARNISH.

Outdoors:

- It is advisable to apply a first coat of an open pore fungicide protector for timber, followed by the first coat of transparent or coloured TKROM SATIN GLOSS DYE VARNISH, depending on the previously mentioned colour intensity criteria. After this, apply 2 or 3 coats of TKROM SATIN GLOSS DYE VARNISH. If the desired shade has been obtained with the first coat, it is also possible to control the final colour by applying 1 or 2 more coats of a colour that is less intense than the chosen one. This achieves better weather resistance than applying the transparent varnish, as increasing the pigmentation has a positive effect on conserving the colour and strength of the finished film.

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING (NEW WOOD)	OPEN PORE FUNGICIDE VARNISH	DEPENDING ON THE PRODUCT	DEPENDING ON THE PRODUCT	1 or 2

APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Stir until the mixture is properly homogenised. · Stir again at regular intervals. · Adjust viscosity. · 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 or spray gun. · Apply evenly and extend as much as possible to obtain a maximum of 75 microns wet, thereby avoiding long drying times, wrinkles, trapped dirt, etc. · To apply with a brush, dilute the product as instructed, depending on whether it is the first coat or subsequent coats, with the indicated amount of Tkrom 345 Thinner for Synthetics or Tkrom Turpentine Thinner. · If applying with a spray gun, dilute by 5 to 10% using Tkrom Thinner 345 for Synthetics, 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.
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 dry in 3-4 hours. It can be painted over after 24 hours.

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-6504	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 24 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.

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.

tkrom®

TKROM BARNIZ TINTE BRILLANTE



PRODUCT DESCRIPTION

Varnish-dye for wood, modified with polyurethanes, smooth and glossy finish, suitable for dyeing, varnishing and decorating all kinds of wooden surfaces, both outdoors and indoors. Very good resistance for outdoor use, it has good hardness, elasticity and transparency, and an excellent gloss that emphasises the grain in the timber.

USES / SCOPE OF APPLICATION

- To colour and varnish all kinds of wooden surfaces in a single operation, such as:
 - Furniture.
 - Shelves.
 - Doors.
 - Fences.
 - Windows.
 - Shutters.

CONTAINER	SIZE
Metal	250 ml
Metal	750 ml
Metal	4 L

CHARACTERISTICS / BENEFITS

- Good hardness.
- Very elastic.
- Washable.
- Excellent penetration.
- Very good film-former.
- Low yellowing.
- Easy to apply.
- Good chemical resistance.
- Excellent adhesive properties.
- Fast drying.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Carta y colores s/muestra		
FINISH	Brillante	UNE-EN 13300	

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	0,91-0,95 g/ml	UNE-EN ISO 2811-1	IL-6505-06
VISCOSITY (ISO)	60-70 KU	ENSAYO INTERNO	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	58-60%	UNE-EN ISO 3251	IL-6505-10
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	51-53%	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	

tkrom®

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	14-16 m ² /L - 13-15 m ² /kg a 40µm secas	UNE-EN ISO 23811	
THINNING	0-10%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Aguarras / TKROM Simil Aguarras / TKROM Disolvente 345 Sinteticos y Grasos		

SPECIFIC PROPERTIES	VALUE	STANDARD	REPORT
CLASSIFICATION ACCORDING TO FIRE PERFORMANCE	B-s1,d0	UNE-EN 13501- 1:2007 + A1	2711T14

MEDIUM CONDITIONS

If outside, do not apply if rain is forecast, in strong midday sun or on very humid days.

MEDIUM PREPARATION

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, clean away any dust, grease and dirt and apply TKROM GLOSS DYE VARNISH. If the varnish is in poor condition, incorrectly bonded, cracked, peeling, etc., remove it completely and proceed as described for new surfaces.

NON-PAINTED WOODEN SURFACES

- Dry sand lightly to remove any raised fibres. Seal imperfections (knots, holes, grains, joints) using a suitable sealant, or fill with Tkrom Plast plaster powder, or synthetic putty. Apply a first coat diluted by 15 to 20% with TKROM GLOSS DYE VARNISH of the desired colour, to ensure that the product penetrates well. The more porous and absorbent the timber is, the more the grain will stand out, and the desired colour will be more intense. If you want to soften the contrast and achieve less intense but more uniform colours, apply the transparent version of the first product as the first coat, and the desired colour as the second coat. If instead you want to achieve darker shades, apply both the first and second coats in the chosen colour. In all cases, each coat should be left to dry for 24 hours; sand lightly and remove dust between coats. After obtaining the desired colour, subsequent coats, which should be transparent- should be applied undiluted or diluted by a maximum of 5%; sand lightly between coats.

Indoors:

- Once the desired shade has been obtained, -be it with one or two coats-, the gloss can be enhanced by applying a final coat of transparent TKROM GLOSS DYE VARNISH.

Outdoors:

- It is advisable to apply a first coat of an open pore fungicide protector for timber, followed by the first coat of transparent or coloured TKROM GLOSS DYE VARNISH, depending on the previously mentioned colour intensity criteria. After this, apply 2 or 3 coats of TKROM GLOSS DYE VARNISH. If the desired shade has been obtained with the first coat, it is also possible to control the final colour by applying 1 or 2 more coats of a colour that is less intense than the chosen one. This achieves better weather resistance than applying the transparent varnish, as increasing the pigmentation has a positive effect on conserving the colour and strength of the finished film.

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING (NEW WOOD)	OPEN PORE FUNGICIDE VARNISH	DEPENDING ON THE PRODUCT	DEPENDING ON THE PRODUCT	1 or 2

APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Stir until the mixture is properly homogenised. · Stir again at regular intervals. · Adjust viscosity. · 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 or spray gun. · Apply evenly and extend as much as possible to obtain a maximum of 75 microns wet, thereby avoiding long drying times, wrinkles, trapped dirt, etc. · To apply with a brush, dilute the product as instructed, depending on whether it is the first coat or subsequent coats, with the indicated amount of Tkrom 345 Thinner for Synthetics or Tkrom Turpentine Thinner. · If applying with a spray gun, dilute by 5 to 10% using Tkrom Thinner 345 for Synthetics, 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.
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 dry in 3-4 hours. It can be painted over after 24 hours.

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-6505	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 24 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.

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.

tkrom®