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Alkyd satin micro-porous paint for woods & wood by-products

AFNOR STANDARD T 36.005 - Family I- Class 4a

MICROSOIE is the micro-porous satin top coat of ONIP paints for wood.

Main qualities :

- Excellent adhesion on woods primed with **MICRONIP SB**.
- Highly micro-porous.
- Excellent adhesion in direct on prepared wood.
- Excellent opacity.
- Good resistance of the colours.
- Flexibility adapted to wood volume variations.

Technical characteristic data

Composition in white :	
Binder	: long in oil alkyd resin
Solid constituent	: Titanium dioxide + mineral extenders
Mass density at 20°C	: 1,42 gr/cm^3 +/- 0,05
Non volatile matter in weight	: 76% +/- 2%
Non volatile matter in volume	: 56% +/- 2%
Aspect in drum	: slightly consistent
Drying (20°C – 65% relative humidity) :	
Re-coat	: 24 hours
Average spreading rate	: 13m^2/L
Aspect	: satin.
Flash point	: 37°C
Gloss	: 50-60% @ 60°

Destination : MICROSOIE is the micro-porous satin top coat of ONIP for woods.

Surface preparation :
Surfaces must be clean, dry and prepared in conformity with the general conditions of use pursuant to the technical regulations of use (DTU) and standardization currently in force. Clean the surfaces by the appropriated mechanical or chemical means in order to obtain a dry, sound and clean surface.

- For special species of wood or in case of prior chemical treatment applied on the wood, a careful degreasing with a chloride base solvent is needed. An adhesion test is recommended.
- For pre-painted woodworks : consult our technical department.
- On wood by-products always use **MICRONIP S.B** primer.

Precautions of use :
Do not apply on moisture, greasy, frozen surfaces, or those covered by micro-organisms. The possible humidity absorbed by the internal face of the wood should be able to be drained off towards the outside : consequently the painter must ensures the nature of the internal lining of joineries.

	Exterior	Interior
Ambient air temperature	minimum + 5°C	> 8°C
Temperature of surface ready to paint	minimum + 5°C / maximum + 35°C	
Humidity of surface ready to paint	< 5%	< 5%
Relative hygrometry	< 80%	< 65%

Use :
Apply **MICROSOIE** pure by brush (silkor 302) in 1 or 2 coats, by polyester roller (10mm hair length).
Tools cleaning : white-spirit.

Pack size : white (1L – 4L – 15L) – Base paints PO0, PO1, PO2, PO3, POY (1L - 4L)

Colours : White + 2000 colours available from our tinting machine.

Storage in hermetical original pack : 24 months keep away from heat.

Hygiene & safety (directive 2008/58/CE 30th adaptation) : refer to security data sheet in use.

- Inflammable
- Noxious for aquatic organisms, may have long term noxious effects on aquatic environment.
- Avoid contact with skin, do not inhale vapours.
- Indoor, in case of insufficient ventilation, wear appropriate breathing equipment.

Maximum content of VOC in the product ready to use (directive 2004/42/CE): 300g/L.

Version : 08/2009

Note : This notice aims informing our customers on the properties of our product. Information data as shown are based on our current knowledge and the tests results from the conditions of use complying with standards and the technical regulations of use (DTU) in force. Due to permanent technical evolution, our customers - before any implementation - have to check with our departments that this notice has not been replaced by an updated version.
This data sheet cancels and replaces all previous versions. In case of complaint, only this document shall be evidence.

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Production units are certified ISO 9001/2000