

# MONOLUX

## POLYURETHANIC SINGLE-COMPONENT GLOSSY VARNISH

Solvent-based high-solid varnish with high gloss (approx. 100 gloss). Monolux forms a transparent film through moisture hardening, with optimal elasticity and high resistance to abrasion. It is suitable for finishing parquet and wood covering, easy to apply also in case of large areas.



### Technical data

Chemical-Physical characteristics (20°C – 60% R.H.)			
Appearance	Transp. liquid	Viscosity (Ford 4)	14"
Mixing ratios and Times (20°C – 60% U.R.)*			
Mixing ratio	Mono-component	Touch dry	2 h
Dust dry	15'	Sanding	16 h (*)
Technical characteristics (20°C – 60% U.R.)			
Coverage	10 m <sup>2</sup> /lt	VOC content pure prod.	< 500 g/l
Abrasion resistance (Taber CS10 1Kg / 1000 r.) Rif. UNI EN 5470-1	mg 18 (a 28 gg)	Subcat of the product in accordance with Dir. Eur. 42/2004 and specific VOC content limits.	Cat. A/i (SB): 500 g/l (Jan2010)
Gloss level (Novo gloss 60°)	close to 100	Possible dilution	Ready to use
Application temp.	> 10 °C		
Storage and labeling			
Storage (original unopened packaging at amb. temp.)	6 months	Symbols of danger	Xn
Cleaning tools	Just after use with Solvente di Lavaggio S/23.		
Packaging	Drums of 5 l	Drums of 10 l	

\* The times reported in the table are strictly connected with the temperature and U.R. value. Optimal values are near to 50%UR and 18/20°C.

### Application

Sand the floor and if necessary fill it using solvent-based filler (Lega Stucco RS/20 o Lega Stucco RS26) or water-based filler (Idrostucco RS/30); finish sanding operations with a 120-150 grit size sandpaper and carefully clean the surface.

Apply by roller or brush one coat of solvent-based two-component sealer Gran Fondo NP or water-based two-component one Idrofondo Mito SQ. As first coat it is possible to apply also the single component solvent-based sealer Fondo Isolante AL.

Sand the sealer when dry with fine sandpaper and apply one or two coats of Monolux, better if sanding in between).

Wait at least for 16 hours between the two coats to avoid a rough finishing of the floor.

### Notes

- ✓ Even if the film is ready to light traffic after some hours, walk carefully on it during the first week.
- ✓ Take care to close always the containers and to use the product as quick as possible after they have been opened.
- ✓ The hardening mechanism of this product involves the reaction with moisture, for this reason the ambient conditions can affect the final result.
- ✓ It is not recommended to use products older than 6 months or opened drums.
- ✓ It is recommended to apply with temperatures > 10°C.

### Maintenance

For the frequent maintenance and cleaning of floors coated with this product it is recommended to use the neutral detergent Pulito Parquet or the sanitizing detergent Saniparquet. For the extraordinary maintenance Lux polish is to be used.



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### **Norms references**

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UNI EN 14342:2008 Wood flooring - Characteristics, evaluation of conformity and marking.

UNI EN 5470-1 Determination of abrasion resistance - Taber abrader

### **Safety rules**

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FOR PROFESSIONAL USE ONLY. Strictly respect the information reported on the labels and consult safety data sheets before use.

### **Disposing of waste**

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Dispose not used product and empty containers in accordance with local in force regulations.

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**WARNING:** The informations reported in present technical data sheet are for guidance only and they do not hold our responsibility. Adapt the use of our products to the environmental conditions and materials to be treated.  
**REV-5 02-09-2013.** Current Technical Data Sheet replaces the previous one.