Maxima

Two-component water-based polyurethane lacquer

High-performance two-component lacquer for wood floors. Suitable for high traffic areas such as airports and shopping centres, easy to spread it allows to obtain flawless finishes. Resistant to commonly used chemicals and black heel marks. Maxima gives the wood a naturally light colour. Available in the glossy, semi-glossy, matt and extra-matt versions. With the addition of the Step Control additive, it is possible to obtain R11 anti-slip finishes in accordance with EN 16165:2023.

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Technical data at 20 °C, 60% R.H.

Appearance	White liquid
Usage ratio	10 : 1
Density	1,025 – 1,050 kg / litre
Viscosity	20 Ford Cup 4
pH	7,5 – 8,0
Pot - life	4 hours
Possible dilution	5% with Rallenty; 10% with water for spray application
Dust dry	1 hour
Overcoating	4 – 5 hours
Sanding	4 – 5 hours
Ready for light traffic	24 hours
Yield	12 - 14 m² / litre
Abrasion resistance after 7 days	12 mg - Taber Abraser, CS10 wheels, 1000 g, 1000 rpm
Gloss 60°	Glossy 70 gloss - Semi-glossy 30 gloss Matt 15 gloss - Extra-Matt 5 gloss With the addition of the Step Control additive, all versions are below 4 gloss.
Application temperature	> 10 ° C – Frost sensitive
Storage	12 months in original sealed packages at a temperature > 10 ° C
VOC	55 g/litre, cat A/j (WB), limit 140 g/litre (2004/42/CE)
Tool cleaning	Clean the roller immediately after use with water and neutral soap, using a “roller wringer” until the roller is no longer soaked in opalescent liquid; if possible, rinse again with clean water. Store the rollers in appropriately diluted Soluzione S/28; rinse with clean water before using them again.
Packaging available	5 + 0,5 litre tanks

CERTIFICATIONS

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ | SAFE FOR KIDS EN71-3 | NMP/NEP FREE | GEV-EMICODE EC 1 very low emission

TOVER Your formula

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Application

Sand the wooden floor removing any residue from the previous treatment. If necessary, fill the cracks with one of our fillers: water-based Idrostucco RS/30, or solvent-based Lega Stucco RS/ A or Lega Stucco RS/20 (read the relative technical data sheets). Remove residues with a 100 or 120 grit abrasive paper. Vacuum the dust, carefully clean the surface and proceed with lacquering.
Shake component A well. Mix the two components carefully in the exact usage ratio (10:1). For a correct mixing it is recommended to pour component B into component A slowly and under stirring.
Wait 5 - 10 minutes to allow the mixture to pre-react and then apply the lacquer. In case of spray application, dilute with about 10% of water. For roller application we recommend the use of medium-haired microfiber rollers allowing an easy and uniform distribution of the lacquer and a better workability.
Apply a first coat of Maxima with a roller, after 4-5 hours sand with a 220 grit and apply a second coat in the same way. For a denser result a third coat can be applied.
Pay particular attention during the application of the first coat on raw wood: to obtain a good result it is necessary that the wood is uniformly wet from the lacquer, avoiding passing the drain roller on rough wood. The first coat of lacquer can be replaced with one of our water-based sealers to speed up the coating process or to achieve more or less pronounced toning effects. Please refer to the relevant technical data sheets for the specific characteristics of each sealer.
Maxima can also be used for mixed cycles using solvent-based sealers such as Fondo Isolante AL or Gran Fondo. Consult the sealers technical data sheets for more information.

Anti-slip version

To obtain an anti-slip finish, 5% Step Control additive can be added. The resulting lacquer complies with the requirements of EN 16165:2023 (shod-foot ramp test), achieving class R11. For further information, please refer to the Step Control technical data sheet.

The addition of Step Control makes the lacquer more matt; all versions achieve a gloss level below 4 gloss. We recommend using the Step Control additive with the semi-gloss version.

Notes

- Do not mix Maxima with other lacquers.
- Do not pour the lacquer directly on the floor.
- Use a suitable container.
- Avoid lacquering the perimeter and the whole area in two stages. Treat small perimeter sections and immediately proceed to coating the adjacent area.
- During application, avoid direct sunlight on the floor.
- Avoid air flows.
- Switch off the heating especially in case of underfloor heating.
- Pay all proper attention due to lacquering art.
- Although the mixture A + B can be kept fluid for a few hours, the application must be carried out not beyond the indicated pot-life (4 hours) in order to obtain a continuous and homogeneous film.
- In the case of mixed cycles, pay particular attention to the sanding of the sealer, Fondo Isolante AL must not be sanded, Gran Fondo must be carefully sanded avoiding to "break through" the film and having lighter coloured spots on the flooring.

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Maintenance

For the cleaning and ordinary maintenance of the floors treated with this product we recommend the use of the Pulito Parquet natural soap. For extraordinary maintenance we recommend the polish Lux or Lux Matt.

Safety rules

Product for professional use only. Strictly respect the information expressed on the label and consult the safety data sheets before using the product.

Disposal

Dispose of the unused product and empty packages in accordance with the local legislation in force.

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The advice in this technical data sheet is given for information only and does not in any way bind our responsibility since the methods and conditions of use of the product are beyond our control. We recommend checking the actual suitability for the intended use.

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This technical data sheet replaces the previous one.

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