



## IDEAL 2K polyurethane water-based parquet lacquer (semi-matt / gloss)

### USE

For parquet lacquering in the places, where the floor is exposed to normal or high wear: dining rooms, wooden staircases, offices, gym rooms etc...

### CHARACTERISTICS

- Silky gloss
- Environment-friendly
- No unpleasant odour
- Good mechanical characteristics
- High chemical resistance
- Easy use

TECHNICAL DATA	
PRODUCT TYPE	polyurethane binder
MIXING RATIO	lacquer (component A) : hardener (component B) = 10:1
POT LIFE	4 - 8 h
GLOSS	silky
DENSITY	1.03g / ml
SOLIDS CONTENT	30 - 35 %
RECOAT INTERVAL	4 - 6 h, depending on conditions
THINNING	/
PACKAGING	5 l lacquer, 0.5 l hardner
SHELF LIFE	The shelf life of the originally sealed and suitably packed product (at a temperature of +5°C to +35°C, in dry place) will continue until the date indicated on the packaging. IT SHOULD NOT FREEZE !

INSTRUCTIONS FOR USE		
APPLICATION	thinning	viscosity (DIN 4mm)
brush, roller		14 s
WORKING CONDITIONS	temperature of lacquer, air and floor of +18 to +22°C and air relative humidity 50 - 70%	
DRYING (T = +20°C, rel. hum. 65%)	dust dry approx. 0.5 h, overcoating possible after 4 - 6 h , suitable for normal use 48 h At a lower temperature and higher relative humidity drying time will be prolonged.	
COVERAGE	theoretically: 8 - 10 m <sup>2</sup> with 1 l in 1 coat Practical coverage depends on the pretreatment, type of wood and application method.	
CLEANING OF TOOLS	<b>immediately after use with water, dried lacquer with NITRO thinner</b>	

### SURFACE PREPARATION

#### Wood surface

The parquet humidity should range between 8 - 10 %. The parquet must be sanded with a machine and thoroughly cleaned from dirt and dust. Intermediate sanding is carried out with a sand paper or sand mesh 120 or 150.

#### Renovation of the old parquet

Remove the old lacquer completely or check its adhesion (see the remarks). Intermediate sanding should be performed with a sand paper or mesh 120 or 150.

### LACQUER PREPARATION

The lacquer and hardener should be mixed in a clean and dry glass or PVC can in the volume ratio 10:1. Mix the mixture thoroughly for at least 15 seconds. Start with the application after 15 minutes.

### COATING SYSTEMS

SURFACE	PREPARATION	PRIMER	TOP COAT
parquet, strip flooring, rough wood	sand dry parquet with a machine and clean from dirt and dust	<b>1x</b> IDEAL primer for water-based lacquers /	3 - 4x <b>IDEAL 2K polyurethane water-based parquet lacquers</b> 4x <b>IDEAL 2K polyurethane water-based parquet lacquers</b>
old parquet	remove old parquet completely	<b>1x</b> IDEAL primer for water-based lacquers /	3 - 4x <b>IDEAL 2K polyurethane water-based parquet lacquers</b> 4x <b>IDEAL 2K polyurethane water-based parquet lacquers</b>



#### REMARKS AND SPECIFICS

- Independent of the lacquers, natural wood changes its colour under the influence of light.
- With exotic and unknown timber it is necessary to make a test on a smaller surface to prove the influence of lacquers on the parquet colour shade.
- For the sanding of **IDEAL 2K polyurethane water-based parquet lacquers** we do not recommend the use of the sanding machine with a three-dimensional sanding Trio.
- It is necessary to check the adhesion of the lacquer on the surface, which was lacquered with another lacquer type beforehand. Sand and lacquer a smaller surface. After 2 – 3 days check the adhesion with a coin. In case the lacquer remains on the surface, the adhesion is sufficient.
- We clean the lacquers with a damp cloth and mild cleaners for the cleaning of parquet after 2 days, then we set furniture, carpets may be put after 10 days.
- The parquet's life span may be prolonged, if we occasionally coat it with a water wax emulsion or a similar agent.