



## IDEAL 2K polyurethane parquet lacquer DS (gloss)

### USE

For the lacquering of parquet in the rooms, where the floors are exposed to normal or high wear: dining rooms, wooden stairs, offices, gym rooms etc.

### CHARACTERISTICS

- High gloss
- Good mechanical characteristics
- High chemical resistance
- Good sagging
- Good elasticity and hardness
- Easy maintenance

TECHNICAL DATA	
COMPOSITION	polyurethane binder
MIXING RATIO	Enamel (component A) : hardener (component B) = 1:1
POT LIFE	4 h
GLOSS	Gloss
DENSITY	1,0 g / ml
RECOAT INTERVAL	16 – 24 h, depending on conditions
THINNING	/
EU VOC category and limits	IIA(j), 550 g/l (2007); product contains: max. 550 g/l
PACKAGING UNITS	Set for 20 m <sup>2</sup> (2,9 l enamel, 2,9 l hardener, 1 l <b>IDEAL cleaner for cleaning of tools</b> ) For professionals: 10 l enamel, 10 l hardener, 5 l <b>IDEAL cleaner for cleaning of tools</b>
SHELF LIFE	The shelf life of the originally sealed and suitably packed product (temperature from +5°C to +35°C, dry room) ist at least until the date indicated on the packaging. The hardener is sensitive to air humidity, therefore it should be kept tightly closed in a full container.

INSTRUCTIONS FOR USE		
APPLICATION	thinning	viscosity (DIN 4 mm)
Brush, roller		15 s
WORKING CONDITIONS	Temperature of enamel, air and floor from +15°C to +25°C and relative air humidity 40 – 70 %	
DRYING (T = +20°C, rel. humidity 65%)	Powder dry approx. 30 minutes, recoating possible in 16 – 24 h, suitable for normal use 48 h At lower temperature and higher relative humidity drying time will prolong.	
COVERAGE	theoretically: at one coat application 8 – 10 m <sup>2</sup> with 1l Practical consumption depends on treatment and types of wood and application mode.	
CLEANING OF TOOLS	<b>IDEAL cleaner for cleaning of tools</b>	

### PREPARATION OF SURFACE

The humidity of parquet should be between 8 – 10 %. The parquet should be sanded with machine and thoroughly cleaned from dust and other impurities. Intermediate sanding is carried out with a sand mesh 120 – 150.

#### Renovation of the old parquet

Old enamel should be removed completely. Intermediate coat sanding is carried out with a sand mesh 120 – 150.

### ENAMEL PREPARATION

Mix enamel and hardener in a clean and dry glass or plastic cup in volume ratio 1:1.

The mixture should be thoroughly homogenized.

### COATING SYSTEMS

SUBSTRATE	PREPARATION	BASE COAT	TOP COAT
Parquet, strip flooring, rough wood	sand dry parquet with a machine and clean from dirt and dust	1x <b>IDEAL basic 2K polyurethane parquet lacquer DS</b> /	2 – 3x <b>IDEAL 2K polyurethane parquet lacquer DS</b> 3x <b>IDEAL 2K polyurethane parquet lacquer DS</b>
old parquet	remove old enamel completely	1x <b>IDEAL basic 2K polyurethane parquet lacquer DS</b> /	2 – 3x <b>IDEAL 2K polyurethane parquet lacquer DS</b> 3x <b>IDEAL 2K polyurethane parquet lacquer DS</b>



#### REMARKS AND SPECIFICS

- Independent of the enamel, 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 enamel on the parquet colour shade.
- For decoration we may pretreat wood with BORI thin-layered stain in a desired colour shade.
- We clean the enamel with a damp cloth and mild cleaners for the cleaning of parquet after 2 weeks, then we set furniture, carpets may be put after 3 – 4 weeks.
- The parquet's life span may be prolonged, if we occasionally coat it with a water-based wax emulsion or a similar agent.