



## Certificate for Miraphen UV-Parquet coatings

applied on parquet surfaces by

### Technomar, Maardu, Estonia

Lacquer description	Art. No.	appl. amount of material
Hydro UV- Primer	178-000-00024	10 g/m <sup>2</sup>
UV- sealer	161-000-00380	27 g/m <sup>2</sup>
UV- putty	168-000-00005	18 g/m <sup>2</sup>
UV Sealer, antiabrasive	161-000-00129	20 g/m <sup>2</sup>
UV- sealer	161-000-00380	25 g/m <sup>2</sup>
UV- sealer	161-000-00380	19 g/m <sup>2</sup>
UV Top Coat Anti Scratch	163-045-53010	6 g/m <sup>2</sup>
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The following technical properties and standards are fulfilled:

Test	Standard	Classification
Film thickness	/	64-68µm
Abrasion resistance	S33 / 500g Initial point	IP 1.050 cycles
Abrasion resistance 1000g/wheel, 1000 cycles	CS17 (weight loss)	25mg
Abrasion resistance ASTM	CS 17 Initial Point	IP >25.000 cycles
Abrasion resistance SIS	SIS Falling sand method	IP 1.500 cycles
Cross cut Test	DIN 53151	Gt 0
Gloss value	60°	29-33 Units
Coin Test	Hamberger planner	>40 Newton
Scratch resistance	Steel wool test	No scratches, no marks
Impact resistance	BOSCH Top	3 Newton
Impact resistance Small ball	DIN 55155	8 Newton

The achieved values are suitable for the European and North American market.

Friedrich Klumpp GmbH

Thomas John  
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Stuttgart, November 2006