

## Technical Data Sheet

### Miraphen® UV-Sealer, anti-abrasive

*Art. Group:* 161

*General Information:* UV-curing roller Sealer for roller coater application with extremely high abrasion resistance for parquet and veneer floors.

*Qualities:* **Miraphen® UV-Sealer, anti-abrasive** was developed especially for use on extreme abrasion resistance lacquer surfaces. The formula was chosen so that, beside the excellent abrasion resistance, a high measure of transparency is given, making the application on dark woods (tropical wood) without a problem. The following examples explain the abrasion resistance:

Example (anti-abrasive)

10 gr/qm (UV)- Primer  
40 gr/qm UV-Putty/Sealer  
**45 gr/qm UV-Sealer, ceramic**  
8-10 gr/qm UV-Top Coat

~ 100 g/qm total amount

Example (non-antiabrasive)

10 g/qm (UV)- Primer  
40 g/qm UV- Putty/Sealer  
45 g/qm UV- Sealer  
8-10 g/qm UV- Top Coat

~ 100 g/qm total amount

#### Abrasion

1) ASTM, CS 17 (500 g/wheel):

⇒ > **25.000 cycles**

2) EN 438 (DIN 68861)  
S33 (500 g/wheel):

⇒ **ca. 3.500 cycles**

1) ASTM, CS 17 (500 g/wheel):

⇒ **ca. 2.000-3.000 cycles**

2) EN 438 (DIN 68861)  
S 33 (500 g/wheel):

⇒ **ca. 150-250 cycles**

**Miraphen® UV-Sealer, anti-abrasive** was developed so that even after months of storage, no settling of anti-abrasive substances can be observed.

**Miraphen® UV-Sealer, anti-abrasive** corresponds to DIN 4102, B1, non-readily ignitable as well as DIN 68861, 1B, chemical resistant, and is free of solvents and environmentally friendly.

*Treatment:*

**Miraphen® UV-Sealer, anti-abrasive** is applied with a smooth, hard rubber roller on surfaces previously treated with Miraphen UV-(Hydro) Primer. Immediately after application, gelled at a belt speed of

15m/min with 1 Hg-lamp (80 watts)

Important: **Miraphen® UV-Sealer, anti-abrasive** can not be sanded!

Afterwards, work may continue with Miraphen UV-Top Coat with complete curing of the total lacquer surface at 12m/min with

3 Hg lamps (80 watts).

As a precautionary measure, we recommend wearing rubber gloves and protective glasses

*Applied quantity:* Depending on the need, approx. 25-45 g/sqm

*Viscosity:* 30°C: ~ 65-75 sec., 6mm DIN cup

*Shelf life:* 6 months in original, unopened canister.

*Dangerous Goods Classification:*

Please notice our actual Material Safety Data Sheet  
Free of heavy metal, formaldehyde and insecticides/pesticides.

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