

# Datasheet VRAY

Stand 03.09.2014

## Material

Carrierplate: MDF 2440x1220x19mm, melamincoated

Surface: Hotcoating-System, Surfaceprotection: PE-Film blue-transparent

## Product Features

## Test Method

## Measure Values

<u>Product Features</u>	<u>Test Method</u>	<u>Measure Values</u>
Glosspoints	DIN EN 13722	> 90 GE (60°)
Micro-scratch resistance	IHD-W-466	Class2, Process A
Scratch resistance	EN 15186	> 0,6 N, Process B
Abrasion resistance	EN 15185	> 300U
Chemical resistance	DIN 68 861 T1 / IHD-W-460/ ISO-MAT 0066/ FIRA 6250	passed
Adhesion	DIN EN ISO 2409 / IHD-W-464	GT 2
Tesa strength	IHD-W-463	0 / (16h;7d und 21d)
Fastness	DIN EN 438-2	Stufe 5
Dark yellowing	internal check 067	passed
Porosity	internal check 009	passed
Moist heat	DIN 68 861, Teil 8 / DIN EN 12721	8 B , 70°C
Dry Heat	DIN 68 861, Teil 7 / DIN EN 12722	7 D , 70°C
Shock loading	EN 438-2	15 N /27 N
Susceptibility to cracking / Dry Heat	EN 14323	Step 5
Humidity and air resistance	Module 4 " Climate change resistance"	passed
Cold - Check - test	Cold - Check - Test (1h +50°C/1h -18°C / 1h 20°C)	passed (25 cycles)
Surface defects	EN 14323	2mm <sup>2</sup> each 1m <sup>2</sup>
Longitudinal error	EN 14323	20mm/m

### **Longitudinal failure:**

Fibers, hairs, scratches, etc.

The allowable size of the failure is determined by the ratio of 20mm per 1m surface and is proportional to the dimensions of the surface to be evaluated. The total allowable number of failures allowed focusing on a point or in be distributed an unlimited number of minor bugs.

#### example:

Allowable defect size unit is 20mm per 1m

The permissible absolute error value is calculated as follows:

Plate length X width X disk failure

1.000.000 X Error size unit

### **Surface defects:**

Dents, spots, sunken places up and indentations, etc.

The allowable size of the failure is determined by the ratio of 2mm<sup>2</sup> per 1m<sup>2</sup> surface and is proportional to the dimensions of the respective area to be evaluated. The total allowable number of failures allowed focusing on a point or in be distributed an unlimited number of minor bugs.

#### example:

Allowable defect size unit is 2mm per 1m<sup>2</sup>

The permissible absolute error value is calculated as follows:

Plate length X width X disk error s

1,000,000 X Error size unit

### **Condition for the error assessment:**

The assessment of the above points is under daylight-like lighting (5000 Kelvin) and a viewing distance of at least 700mm performed.

**Using this test method, no visible errors will be accepted!**

### **Care and Cleaning Instructions**

The pure.piano.gloss surface is protected with a protective PE film (blue-transparent film).

After removing the protective PE film, the surface is ready for daily use.

An additional polishing is necessary. To clean a light soap solution is sufficient.

**Important: The use of abrasive cleaners and abrasive cleaners can damage lead. Do not use abrasive and corrosive cleaner and cleaner with alcohol!**

**Cleaning:**

In addition, we offer the König Glossy Furniture Polish at No. 503 500.

Area of application: For cleaning and refreshing glossy surfaces.

Suitable for use on all painted surfaces. Can also be used on plastics and metal.

Shake well before use and Check compatibility on an inconspicuous area. Glossy

Give furniture polish on a soft, lint-free cloth and light pressure sparingly on the surface distribute. After a short flash-off with a dry cloth to clean the surface in a circular motion polish. Follow the operating instructions

**PE protective film:**

The protective film used is suitable for the protection of sensitive surfaces against mechanical

Damage and contamination during transport, processing, storage and installation.

**The film is up to 3 months, UV and weather resistant due to the lamination.**

The sheet does not contain plasticizers or heavy metals and is fully recyclable. You can under-Beach ing the regulations to be deposited with the trash and burned.

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