

# HydRo Parkett Plus

## Technical Information

- Characteristics:** Colourless, water-based polyurethane acrylate dispersion. **HydRo Parkett Plus** is characterised by very high wear resistance as well as excellent mechanical and chemical properties. **HydRo Parkett Plus** is easy to apply, dries quickly and can be used as one component paint as well as two component paint after addition of hardener. Also suitable for use in public or commercial buildings. NMP-free.  
A perfect result can only be achieved by carrying out the following instructions.
- Area of application:** **HydRo Parkett Plus** is applied on highly stressed indoor parquet and wood floors as well as timber stairs. Also suitable for cork floor and for common exotic woods (in case of unknown woods, a test coat is recommended).
- Substrates:** The substrate to be coated must be dry, clean, solid and free from abrasive dust, oil, grease and adhesion-inhibiting substances. Maybe the substrate needs to be prepared in several sanding operations. Smooth and polish with abrasive paper grain 100-120. Subsequent sealing is possible.  
Pre-condition: The previous sealing coat must be completely dry, cleaned and slightly sanded with abrasive paper, grain 100-120.
- Hardener:** **HydRo Härter**  
After addition of hardener allow the mixture to react for about 15 minutes because of a short-term increase in viscosity. Adjust afterwards if necessary the viscosity by adding approx. 5-10% water.
- Mixing ratio:** 10 units lacquer: 1 unit hardener by weight or by volume
- Pot life:** Max. 4 hours at 20°C/65% relative air humidity.  
Exceeding the pot life may cause surface defects.  
Attention: The pot life is reduced by higher temperatures of the object and ambience.
- Processing:** **HydRo Parkett Plus** can be applied by spatula, roller or brush as well as by spraying (gravity spray gun, Airless, Airmix).
- Coating system A – application by spatula:  
Apply twice **HydRo Parkett Plus** by spatula (cross coat) (approx. 30-40 ml/m<sup>2</sup> per layer, use plastic or stainless steel spatula).  
After the first application by spatula allow intermediate drying time of approx. 30 minutes. Apply then at least 2 coats (approx. 120 ml/m<sup>2</sup> per operation) by roller or brush. Intermediate drying approx. 3-4 hours, intermediate sanding with grain 100-120 before applying the finishing coat.
- Coating system B – application by roller or brush:  
Apply three times **HydRo Parkett Plus** by roller or brush (applied quantity approx. 120 ml/m<sup>2</sup> per operation). Allow a drying time of approx. 2 hours after first coating and 3-4 hours after intermediate coating.  
Intermediate sanding with grain 100-120 before applying the finishing coat. If the duration of intermediate drying exceeds 24 hours, it's necessary to sand intermediately.  
Total consumption: approx. 320 to 350 ml/m<sup>2</sup>.

Please turn over!



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### Coating system C – application by spraying:

Application:	Airless	Airmix	gravity spray gun
Spray pressure:	60 - 80 bar	50 - 60 bar	----
Air pressure:	----	1.0 – 1.5 bar	2.5 – 3.5 bar
Nozzle size:	0.22 – 0.33 mm	0.22 – 0.33 mm	1.6 – 2.0 mm
Spray viscosity:	approx. 20 - 24 s/4 mm	approx. 20 - 24 s/4 mm	approx. 20 - 24 s/4 mm

Depending on the used spray gun, deviations concerning spray pressure, air pressure and nozzle size can occur. The temperature for application should be between +15°C and +25°C. This also applies to the substrate.

- Dilution:** **HydRo Parkett Plus** is ready for use. Depending on the spraying device and the application method it can be thinned with water.
- Drying time:** At 20°C ambient temperature and max. 65% relative air humidity:  
- after approx. 8 hours slightly accessible and resistant  
- after approx. 8-10 days entirely accessible and resistant  
- after approx. 21 days carpeting can be laid  
The longer a recently sealed floor is not strained the first days after application the higher is the durability of the sealing coat. Ensure good ventilation but without draught.
- Gloss level:** 1 = glossy, 34 = satin matt, 45 = matt
- Primer and topcoat:** **HydRo Parkett Plus** can be used as priming as well as finishing coat.
- Equipment:** We offer appropriate tools to apply our water-based floor sealers:  
Stainless steel spatula, paint roller and brush for floor. Perfect sealing results can only be achieved by using appropriate tools.
- Cleaning of tools:** Clean tools with water immediately after use.
- Storage:** **HydRo Parkett Plus** is storable for 2 years in an original closed container original-. Store **HydRo Parkett Plus** in a cool place, but do not store or transport at temperatures below +6°C. Close tightly opened packs. In case of big ullage in the can fill the product in a smaller container (don't use tin cans because of corrosion risk).
- Special remarks::** **HydRo Parkett Plus** has to be stirred thoroughly before every use.  
Even if the surface coated with **HydRo Parkett Plus** is dry and load-bearing after a short time, the requested chemical and mechanical resistance is only achieved after a curing time of some days (20°C/65% relative humidity).  
In order to preserve the surface or to delay a subsequent sealing we recommend using regularly our parquet care product **HydRo Parkettpflege** (first application at the earliest 8-10 days after the finishing sealing).

Please turn over!

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Tested according to:

**DIN EN 71-3** Safety of toys (Migration of heavy metals).

**DIN 51130:2014-02:** Determination of anti-slip properties (gloss level: satin matt / 34).

Anti-slip rating: R10

**DIN 53160-1/-2:** Resistant to sweat and saliva.

**Please consider:**

The product and the recommendations in this technical data sheet correspond to today's state of the art. Our application technology recommendations oral and in writing, which we give due to our experience to the best of our knowledge, are non-committal and do not constitute a contractual legal relation and additional obligation of the sales contract. They do not release the user from his obligation to check the existing underground and the suitability of our products for the intended purpose on his own responsibility. In case of doubt, suitability and consumption rate are to be tested by creating a sample. When merging other products with our own products or processing with foreign manufactured products we cannot guarantee a perfect final result of the surface. Our general terms of payment and supply are in force.

With this technical information all previous lose their validity

Edited 02/20