

SPECIAL TECHNICAL INFORMATION 24

Using glossy water-based paint systems

Careful and expert know-how is required to achieve beautiful results on glossy painted surfaces. The following contains important advice on how to create flawless surfaces.

Preparation:

Once the wood putty has been applied very precisely, e.g. AQUASEAL®PAFUKI or AQUASEAL®PAFUKIPOWDER and the floor has been sanded finely, a single or multi-disk machine is used to re-sand the floor to equalise the various sanding patterns created by the edge sanding machine and the surface sanding machine. All sanding disks and/or sanding paper must be replaced in good time before the wood becomes polished by the dull sanding elements! The wooden surface must be completely level, clean and dry before it is painted.

Primer

The following can be used: AQUASEAL® EXOBLOC or AQUASEAL®FLEXPRIMER + AQUASEAL® ECOGOLD or AQUASEAL®2KPU .

The following is an example structure:

1x AQUASEAL® EXOBLOC (alternatively: AQUASEAL®FLEXPRIMER)	consumption approx. 120 ml/m ² (drying approx. 1-2 hours)
1x AQUASEAL®2KPU (matt) (alternatively: AQUASEAL® ECOGOLD)	consumption approx. 120 ml/m ² (drying over night)

Note: On matt base coats, the subsequent brilliance can be slightly diminished, but this does not impact on the surface shine. The advantage here is that the sanding marks of the intermediate sanding process are less noticeable. Therefore, matt settings are suitable for the priming stage.

Top coat:

Before the top coat is applied, neutral, even, full-surface and matt intermediate sanding is carried out with ABRANET ACE 150 or ABRAPRIME NET sanding disk grain 180. The floor may have no more shiny areas or other irregularities because these will telegraph through the top coat and be visible. The finer the intermediate sanding process, the more beautiful the overall surface will be because the amount of coarser sanding marks is lower. Caution: ensure that fine sanding disks are changed in good time, otherwise there is a risk of polishing, which can lead to insufficient intermediate sanding adhesion!

Before continuing, ensure that all dirt and dust is removed from the surface. Then the paint is applied across the entire surface (alternatively AQUASEAL® SPACHTELGEL) using the BERGERTOOL UNIVERSAL SPATULA in a crosswise fashion. This increases the fullness and removes the last fine dust on the surface. Always avoid strikes with the spatula and excess material during the filling process. Alternatively, a further matt painting system can be used after the intermediate sanding and filling stages. This ensures that there are almost no more scratches left from the intermediate sanding phase.

The last coat of paint is applied thickly and evenly with a roller as follows:

1x AQUASEAL®2KPU (glossy) (alternatively: AQUASEAL® ECOGOLD)	consumption approx. 130-150 ml/m ²
---	---

Multi-layer structure:

Experience has shown that at least 3 coats of water paint are required to achieve the required level of filling for high-gloss surfaces. Optionally, a further coat may be applied (within 48 hours) without intermediate sanding.

Other processing tips:

We always recommend using a new roller (BERGERTOOL MICROFIBRE ROLLER PLUS or the BERGERTOOL UNIVERSAL ROLLER) and also using adhesive tape to remove fluff and washing the roller before use, as well as wearing clean shoes and work garments. Optionally, disposable overalls (paint suits) and shoe covers can help to prevent soiling. Vacuum clean doors, windows, window sills and power sockets to avoid dust swirling during painting, and also draughts. Windows and doors that are not completely tight can be sealed with adhesive tape. Any dust floating in the air will drop onto the wet paint coat as it dries. If you wait over night after vacuum cleaning before applying the top coat, the dust in the air will drop to the ground and can simply be picked up with the subsequent filling coat or collected with the dust cloth and the BergerTool dust mop. Please always observe the Technical Data Sheets of the products that are provided on our website. All work must be carried out in line with the recognised rules of craftsmanship and the state of the art. The specifications of the DIN 18356 'Parquet work', DIN 18365 'Flooring work' and specialist information and information sheets of the TKB, the BEB, the CTA and the BVPF Federal Association of Parquet & Flooring Technology must be observed. The ground must be strong, dry, free of cracks, level and free of dust before the flooring is laid. All adhesion-reducing layers need to be removed by means of sanding, cutting or blasting before work commences. For more information, please visit our website www.berger-seidle.de.

Date of issue 11/2020 - Page 1 of 1