

## AQUASEAL® 2KPU

### Description

AQUASEAL® 2KPU is a two-component waterborne finishing product based on polyurethane. The product has a very high chemical and abrasion resistance and is suitable for high-traffic hardwood floors. Due to its elastic properties, AQUASEAL® 2KPU is also suitable for untreated cork surfaces.

Giscode: W2/DD+ for matt, semigloss, glossy  
W3/DD+ for naturalwhite, roylammatt  
Emicode: EC1-R, abZ-Nr. Z-157-10-47

### Degree of gloss

naturalwhite, roylammatt, matt, semigloss, glossy

### Special instructions

To minimise glueing on the sides, AQUASEAL® EXOBLOC, AQUASEAL® FLEXPRIMER, AQUASEAL® UNISPACHTEL, CLASSIC BASEOIL or SOLVSEAL UNIQICKPRIMER may be used alternatively as primer. Otherwise the product may be used too as complete system.

Please avoid to interchange the hardeners of the different degrees of gloss.

### Application

Prior to the application, AQUASEAL® 2KPU is mixed with AQUASEAL® 2KPU Härter (hardener/mixing rate 10:1) in a bucket or in the BERGERTOOL MixBox. Mix well right after adding the hardener. A rest period of 10 min. before processing ensures an optimum processing. The pot life of the mixture is 2 h, i.e. the mixture remains liquid for about 1 day, however, in that case it should be used as trowel primer only (decreased resistance of the dry finishing film). Only mix the quantity required for application. The mixture releases CO<sub>2</sub> – so, to avoid the cans bursting, do not seal hermetically. The material is applied in 2-3 coats by roller/brush.

### Special tips

Contrary to conventional solvent-based finishes, AQUASEAL® 2KPU finishes should be applied in rich layers. The material should not be excessively spread with the roller.

The degree of gloss "naturalwhite" represents an exception. It is especially recommended for light woods to preserve the raw wood look. 2KPU naturalwhite has to be rolled in 3-4 thin layers. Consumption per layer approx.. 70-90 ml/m<sup>2</sup>. Trowelling is not recommended.

Depending on the optically desired colour and brightening intensity, the last two layers can optionally be reduced by the gloss level roylammatt or increased with CLASSIC BASEOIL white or naturalwhite as a primer. AQUASEAL® FLEXPRIMER or AQUASEAL® UNISPACHTEL can also be used as a primer. So an individual colour shape is possible.

### Drying

Apply at a maximum of 2 coats per day to avoid excessive swelling pressure. As a rule the finish itself can be cautiously sanded and walked on after 3-4 h at 23°C/50% rel. humidity. Insufficient ventilation, low temperature, different humidity as well as thicker finish coats will considerably delay the drying. The coat is loadable under standard conditions after 24 h. Do not expose to wear, cover with carpets or apply care products for 7 days.

### Consumption

Depending on substrate and working method:

1 trowel coat:  
approx. 30 ml/m<sup>2</sup> resp. approx. 35 m<sup>2</sup>/l

1 roller/brush coat:  
approx 100 ml/m<sup>2</sup> resp. approx. 10 m<sup>2</sup>/l depending on degree of gloss

### Storage / transport

Shelf life of original unopened packing min. 12 months (finish) resp. 12 months (hardener) provided that material is transported and stored at a cool and dry place protected from freezing.

### Industrial coated prefinished hardwood floors

AQUASEAL® 2KPU is suitable for recoating many prefinished hardwood floors, however, due to the great number of products available, it is not possible to make any general statements. For this reason, individual adhesion tests are necessary in each case. We recommend basic cleaning with BRILLIANCE CLEANER L94 Wachsentrferner and wiping with clear water followed by careful screening with 120 grid prior to recoating. Please observe also our Technical Special Instruction Nr. 5.

### Cross reference

The following Technical Data Sheets should be observed:

- General instructions of use for hardwood floor finishing products
- Cleaning and maintenance of finished/oiled floors
- Identification and safety instructions (MSDS)