



AQUADUX

BD-03XX

Basin®

a base for a better living

TECHNICAL DATASHEET 1/4

This protective non-film forming modified water-based impregnation oil for exterior use allows the wood to breathe. It is suited for the treatment of cladding and other weathered garden wood and is ideally used on vertical wooden surfaces.

Pay attention: not suitable for Iroko, terrace boards/planks, garden furniture and indoor applications.



TECHNICAL INFO

Base

Water-based modified natural oil

Type

Watery oil emulsion

Dilution

Water (5 to 10 %) following the application method

Density

± 1,05 g/cm³

Viscosity

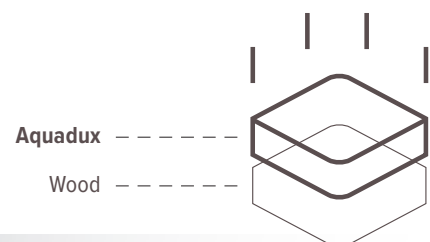
± 40" to 50" (DIN4, 20 °C)

Drying time

1 hour = dustproof

24 hours = hardened

7 days = complete hardening



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Iconography



Outdoor

This product is suitable for outdoor application.



Gloss

This product maintains the unique opacity of your wooden floor and has a gloss level of 3 to 5 % (at an angle of 60°).



Stir Well

View Application on page 3 for the correct instructions.



Drying Time

After 24 hours of drying it is, in normal conditions, possible to use the treated wood.



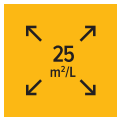
Roller / Brush

This product can be applied with a short-haired mohair roller or a classical brush for water products.



Spray Gun

This product needs to be diluted with 5 to 10 % of water when spraying.



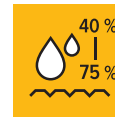
Consumption

One can finish $\pm 25 \text{ m}^2$ with 1 L of product at a consumption of minimum 70 g/m^2 (35 g/m^2 / layer).



Temperature

This product can be applied at a temperature of 10 to 25 °C.



Humidity

This product can be applied at a humidity of 40 to 75 %.



Storage Temp.

This product needs to be stored at a temperature of 10 to 25 °C.



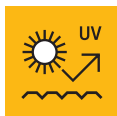
EXP Date

BD-03XX can, when unopened, be used for 12 months.



Packaging

This product is available in 1 L & 2,5 L as well as in boxes of 6 x 1 L & 4 x 2,5 L.



UV Filter

This product contains the necessary UV filters to slow down the gradual yellowing of the varnish as well as of the wood.



VOC Level

This product contains only 6 g/L of Volatile Organic Compounds (after mixing) meaning that, during hardening, only 6 grams of these compounds are emitted per liter.

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Preparation of foundation

The foundation needs to be dry and free of dust, dirt and grease. When working with new wood we must first, if necessary, dust the wood, cleanse it with a special wood cleanser and rinse it thoroughly with water. When working with weathered wood, the wood must be white sanded. For all this you can use our BASI-ONE AD-70780 for thorough cleaning and BASI-TERRACE AD-70760 for degreying.

Preparation of tools

It is highly recommended to use a bucket HWZ-90814 with a roster HWZ-90703 in combination with the right mohair roller HWZ-0417 and grip HWZ-0070 / HWZ-00701 or brush HWZ-00730 or spray gun (Ø 1.4) HWZ-0022. Also provide enough cloths (HWZ-073).

Application

1. Apply a layer with a roller or brush and let the wood saturate for 5 to 10 minutes. Even out with a cloth afterwards -where necessary. **2.** After 16 to 24 hours of drying, a second layer can be applied in the same way.

Remark: this is a new generation of water-based oxidative products that can spontaneously combust in the worst of scenarios. To avoid all of this, simply immerse the cloths as soon as possible in a bucket filled with water.

Deployment

In normal circumstances, the treated wood can be used again after 24 hours of drying.

Pay attention: do not use AQUADUX in rainy weather (i.e. when there's rain predicted within 48 hours).

Cleaning of tools

Clean the tools (rollers and brushes) with water immediately after use, to ensure they can be used multiple times. Respect the environment. Do not dispose of any product in the seweclothe, in water or on the ground. Let the remaining product dry out and dispose of it, together with the empty packaging, at the proper waste disposal. Do not let used cloths dry out but keep wet with water.

Maintenance

After ± 2 years it's possible, if necessary or desired, to lightly sand the AQUADUX treated wood with grain P220 and re-apply one layer of AQUADUX (35 g/m²/layer).

ADVANTAGES

High protection

Protects the wood against weather conditions.

Non-film forming impregnation oil

This product penetrates deep into the wood and makes it more beautiful.

Ecological

This product has a very low VOC emission.

No yellowing

The pigmented oil does not yellow through time*.

*wood types that naturally yellow at a faster rate, can show a small degree of yellowing despite the high degree of protection.

Anti-UV components and HALS additives

Contains anti-UV components that slow down the natural yellowing of the wood (with a total finish of 70 g/m² or 35 g/m²/layer) and HALS additives that increase the protective qualities of the oil and that prevents the wood from cracking.

No odour nuisance

Very low VOC level

6 g/L

Water resistant

After 48h

AQUADUX

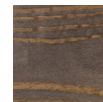
BD-03XX

TECHNICAL DATASHEET 4/4

Colours

AQUADUX BD-03XX is available in both a natural version as well as in 12 different default colours:

- Rosewood brown (BD-0302)
- Black (BD-0303)
- Nature (BD-0304)
- Dark grey (BD-0305)
- Light grey (BD-0306)
- Red mahogany (BD-0307)
- Green (BD-0308)
- Chestnut redbrown (BD-0309)
- Light teak greenyellow (BD-0310)
- Weathered wood (BD-0311)
- Mahogany (BD-0312)
- Broken white (BD-0314)
- Teak (BD-0315)



BD-0302



BD-0303



BD-0304



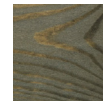
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BD-0308



BD-0309



BD-0310



BD-0311



BD-0312



BD-0314



BD-0315

Disclaimer

Due to the versatility of the products, application possibilities and application processes, this information is only given with the purpose to inform. It is highly recommended to check by yourself prior to performing the final works. Our experience has taught us that every user develops his own way of working. This information was provided, oral or written, on the explicit demand of the client. This information is given in good faith and based on the current experience of Basin ChemEco nv. There cannot be inferred by any means any responsibility on behalf of Basin ChemEco nv. Prices can change - the technical files can be modified by Basin ChemEco nv at any time without preceding inform - Basin ChemEco nv is not responsible for results caused by incorrect use of the product & instructions such as e.g. quantities, timing, choice of material, temperature, subsoil, influence of light etc. No guarantee whatsoever is given for a renovation.

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