

BIOFA Abtönkonzentrate (Tinting Concentrates) Art. No. 3510-3590

Properties

Solvent-free, water-dilutable tinting concentrates made from natural raw materials with good coverage and moisture-vapour permeability. Can be mixed with each other at any mixing ratio and with white wall paints PRIMASOL 3011, LEVASOL 3031 and brush rendering 3061. Also suitable as full-shade toner.

Ingredients

Water, chalk, pigments depending on colour shade (see BIOFA full declaration), linseed oil, talcum, Turkish red oil, boric salt, swelling clay, lactic acid casein, lavender oil, cedar wood oil, ylang oil, orange oil (**contains limes**).

As tint for BIOFA wall paints:

Stir the tinting concentrate thoroughly and mix evenly into the wall paint. Carry out a test application as regards colour shade and colour intensity!

As full-shade toner:

Instructions for use:

1. Pretreatment

Remove old whitewash and distemper coatings. Remove or roughen latex, varnish and oil paint coatings thoroughly. Prime crumbling and highly absorptive substrates with BIOFA Haft- und Tiefgrund (Wash and Penetrating Primer) 0810 (diluted 1:3 with water). Wait for at least 6 weeks before treating fresh concrete, lime and cement plaster.

Surfaces from which the wallpaper has been removed must be slightly sanded (grit size 60-100). Remove dust thoroughly (use a broom or vacuum cleaner, then wipe with a damp cloth) or clean thoroughly with a brush and hot water. Prime surfaces with Haft- und Tiefgrund (Wash and Penetrating Primer) 0810 (diluted 1:3 with water) after 24 hours of drying. Wallpaper paste residues may cause adhesion problems.

Important note: When coating the different substrates with aqueous, open-pored coating systems, certain substances such as lignin, nicotine, rust, various salts and moisture, etc. may bleed through from the substrate or lead to discolouring

or colour differences. This is why it is absolutely necessary to check the substrates for suitability and carry out preliminary tests (sample surfaces). **Observe VOB (Contract Procedure for Construction Work)!**

2. Basecoat

Shake or stir tinting concentrates thoroughly. Mix in 3% of Haft- und Tiefgrund (Wash and Penetrating Primer) 0810 for better drying and apply the paint evenly by roller or brush.

3. Topcoat

If necessary, apply 1-2 more coats as described above.

Important: Provide optimum fresh air circulation during product application and drying!
Carry out a preliminary test!

4. Cleaning of tools

Clean with water and NAPONA 2090 immediately after use.

Drying

Recoatable after 6-8 hours, fully dry after 24-48 hours (20°C/50-55 % rel. air humidity).

Consumption/spreading rate per coat

7-8 m²/l or 125-140 ml/m². Strongly depends on the substrate's absorbency and nature.

Storage

Cool, dry, above freezing point and sealed airtight. Use up opened containers soon. Minimum shelf life of unopened containers: 1 year!

Container size

125 ml / 250 ml / 500 ml PE or PP tubes.

Safety instructions

Keep out of the reach of children. Do not even allow large quantities of natural coating materials to enter soil, aquatic environment or drains. The natural raw materials used may cause type-specific odour!

The data and information provided in this technical data sheet are binding. If it is necessary to deviate from these provisions, the Application Technology Department of BIOFA must be consulted in advance. The general rules for structural engineering are to be complied with. With publication of this technical data sheet all previous data sheets regarding this product are no longer valid.

Disposal

Dispose of liquid product residue at collection points for old paints/varnishes or dispose of according to locally applicable regulations. Small quantities of residue and soaked work materials can be disposed of along with domestic waste after drying.

Only recycle cleaned or completely empty packaging with cured deposits or dispose of according to locally applicable legal regulations. Uncleanable packaging and packaging not emptied ap-

propriately must be treated and disposed of like the product!

VOC identification according to Decopaint Directive and ChemVOCFarbV (Directive on the limitation of emissions of volatile organic compounds due to the use of organic solvents in paints and varnishes):

EU limit value (cat. A/a): 75 g/l (2007)

3510-3590 contains max. 1g/l VOC.

Substrate	Pretreatment
Fresh lime and cement plaster*	Pretreat with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810** or highly diluted wall paint**** no earlier than 6 weeks after plaster application.
Old lime and cement plaster*	Brush off brittle particles, pretreat with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810** or highly diluted wall paint****.
Gypsum plaster	Remove brittle particles, pretreat with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810** or highly diluted wall paint****.
Lime sand bricks	Pretreat with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810** or highly diluted wall paint****.
Concrete*	Treat no earlier than 6 weeks after manufacture. Remove formwork release oil residues. Pretreat with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810** or highly diluted wall paint****.
Fair-faced masonry	Only pretreat highly absorptive surfaces with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810**.
Soft fibreboard, cellulose fibre-board	Apply wall paint directly without pretreatment due to risk of surface swelling.
Particle boards	Prime substrates with Sperrgrund spezial (Special Insulating Primer) 0811 due to risk of discolouring.
Gypsum plasterboard	Prime with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810**.
Gypsum fibreboard***	Pretreat with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810** or highly diluted wall paint****.
Woodchip paper and glass fibre wall paper	No pretreatment.
Old limewash and distemper coatings	Remove entirely. Prime with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810**.
Old varnish and oil paints and latex coatings	Remove coatings in poor condition entirely. Roughen well-adhering old coatings thoroughly or remove entirely. When removing old coatings entirely, pretreat surfaces with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810**.
Textile wallpaper	Prime with Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810**.

The data and information provided in this technical data sheet are binding. If it is necessary to deviate from these provisions, the Application Technology Department of BIOFA must be consulted in advance. The general rules for structural engineering are to be complied with. With publication of this technical data sheet all previous data sheets regarding this product are no longer valid.

- * Sinter layers must be removed from concrete, lime and cement plaster.
- ** Mix Haft- u. Tiefgrund (Wash and Penetrating Primer) 0810 1:3 with water.***
- *** Gypsum fibreboard, e.g. Fermacel
- **** Mix with approx. 30-50 %, max. 100 % of water depending on the substrate's absorbency.

GISCODE: M-DF 03 **Waste Code according to European Waste Catalogue: 08 01 12**

The data and information provided in this technical data sheet are binding. If it is necessary to deviate from these provisions, the Application Technology Department of BIOFA must be consulted in advance. The general rules for structural engineering are to be complied with. With publication of this technical data sheet all previous data sheets regarding this product are no longer valid.