

## BIOFA Farbpigmente (Coloured Pigments) Art. No. 1301 - 1317

### Properties

Colour-intense pigments made from natural earth, metal oxides and mixed oxides. The pigments can also be mixed with each other and be used for coloured designs in all BIOFA wall paint systems (EUROMIN Dispersionssilikatfarbe (Dispersion Silicate Paint) 1405, PRIMASOL Wandfarbe (Wall Paint) 3011, LEVASOL Wandfarbe (Wall Paint) 3031, SOLIMIN Silikatfarbe (Silicate Paint) 3051, SOLIMIN Quarzstreichputz (Quartz Brush Rendering) 3055, Streichputz (Brush Rendering) 3061 and Lasurmalmittel (Glaze Binder 3110). Apart from pigment 1314 lilac, all these pigments are alkali-resistant. Pigment 1314 lilac must not be used in alkaline systems (e.g. lime-wash or silicate paints) or be applied to alkaline-reacting substrates such as new concrete, lime- and cement-based plaster, lime and silicate coatings because there is a risk of discoloration! The use in varnishes, wood glazes and oils is not recommended.

### Ingredients (pigment type depending on colour shade)

1301 ebony black (iron oxide), 1302 iron oxide red (iron oxide), 1303 umber-kaki (umber greenish), 1304 ochre red (red ochre), 1305 ochre rust brown (burnt umber), 1306 yellow-orange (iron oxide), 1307 ochre-yellow (iron oxide), 1308 Havana brown (iron and manganese oxide), 1309 red (inorganic-organic mixed pigment), 1310 ultramarine blue (ultramarine blue), 1311 sun yellow (titan yellow), 1312 ultramarine violet (ultramarine violet), 1313 ultramarine red (ultramarine red), 1314 lilac (manganese lilac), 1315 spinel green (cobalt green), 1316 spinel turquoise (cobalt green), 1317 spinel blue (cobalt blue).

### Instructions for use:

#### 1. Pretreatment

Pretreatment and preparation of the substrates depend on the wall paint system to be used. For more information, please see the respective technical data sheets.

#### 2. Application

The coloured pigments must be added to the respective product while stirring thoroughly. Make sure that the pigments are distributed evenly! Do not add too much pigment because this may lead to strong chalking.

However, it is highly recommended to soak the pigments in water (75g pigment in 100ml water or 150g pigment in 200ml water) at least 12 hours before use and to stir the mixture repeatedly in order to obtain better wetting and a finer distribution in the paint.

We recommend the following suggested formulation for the BIOFA glaze technique: Add max. 10g of the soaked mixture to 200-300g of BIOFA Lasurmalmittel (Glaze Binder) 3110 and slowly dilute with 600-700g of water gradually. This quantity is sufficient for 15-20m<sup>2</sup> of surface for one glaze application. If more soaked pigment is added, there is a risk of chalking.

#### 3. Cleaning of tools

Clean with water and soap (NACASA 4010 or NAPONA 2090) immediately after use.

#### Drying

The drying process depends on the product system used. Observe the respective technical data sheets!

#### Consumption/spreading rate

The consumption and spreading rate depend on the intensity of the colour shades and the number of coats to be applied.

#### Storage

Dry and sealed airtight.

#### Container size

75 g and 150 g PE or PP containers. Larger containers on request.

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.

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## Safety instructions

Avoid dust formation! Keep out of the reach of children. Keep ultramarine blue 1310, ultramarine violet 1312, ultramarine red 1313 and lilac 1314 away from acids and do not empty large quantities into drains.

## Disposal

Dispose of pigment powder according to locally applicable legal regulations. Small quantities of residue can be disposed of along with domestic waste. Dispose of emptied and cleaned containers according to locally applicable legal regulations.

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