

ESTone.tex System for theming of stone, rocks, bricks, woods, etc...

## Data Base Mixel

Universal dye-dye-concentrated pigment.  
Easy to homogenize, it comes in a range  
36 base colors, combinable with each other.  
To color paints, lacquers, lasures, mortars,  
High concentration, resistance and compatibility.

### MATERIAL CLASS

Special combinations of pigments of the highest quality and strength, formulated in high concentration and extensive pigment liquid format compatibility of use.  
Especial recomendado for mixture of color with EST-26 Multilite and EST-MultiPol in the ESTone.tex Theming System.

### PROPERTIES

Within the MIXOL range, natural oxide pigments stand out pure inorganic, which are pigment pastes of mineral oxides, of iron, cobalt, etc. Oxides "LW OXYD TYPE" for its purely mineral composition they are the most technologically resistant, to U.V. Yet the alkalinity, and are recommended for outdoor use, alkaline products as mortars and silicate paints and glazes, as well as special products usually.

We also have colors derived from organic compounds, which are the "L TYPE" whose recommendation is limited for indoor use, although by on the contrary, they have a great pigmentation power and a special liveliness. Finally, the combination of both types of pigments, oxides and organic, has allowed us to develop a range of colors, the "LW TYPE" that combine the excellence of both, offering a range with a good resistance to the outside, and with a high liveliness and pigmentary power.

Mixel is a product that can be stored for long periods and is resistant to frost and high temperatures, without deteriorating the product.  
Depending on the type of material to be dyed, it is usually used from a proportion of between 0.2% and up to 10% by weight maximum on the base product at dye It has a high concentration and high performance.

### FIELDS OF USE

To give color, customize the color, touch up, etc., to almost all types of paintings water or solvent, 1 and 2 components, lasures, glazes, varnishes, lacquers, coatings, stucco, mortar, putties, microcements, micromorteros, Ardex® flooring or similar, etc.

Given its extraordinary versatility, it is used both in the industrial and manufacture of paints and coatings, as in painting and lacquering workshops, specialty stores, facades, thematization, decoration, art field, do it yourself, etc.

### COLORS

33 concentrated colors, according to the letter, all compatible with each other, which allow obtain thousands of possible colors at various concentrations.  
In addition 3 special colors for metallic effects, Gold, Silver, Bronze use varnishes, lacquers, and transparent or translucent products.

### APPLICATION

First of all check with a small sample the compatibility of Mixel with the product you want to pigment.

- 1- Shake the Mixel canister vigorously before using it.
- 2- Pour Mixel over the product to be dyed in the chosen proportion.
- 3- Mix well in the product to be colored.

We recommend using electric stirrer, to ensure good dispersion and homogenization of the pigment on the product

### MORTARS AND MICROCEMENTS

According to our experience in mortars and micro-mortars, we indicate to how to interpret our color chart for pigmentation in

- 10% line: equivalent to an average of approx. 30 grams per Kg of mortar.
- 4% line: equivalent to an average of approx. 12.5 grams per Kg of mortar.
- 2% line: equivalent to an average of approx. 9 grams per Kg of mortar.
- 1% line: equivalent to an average of approx. 6.5 grams per Kg of mortar.
- 0.2% line: equivalent to an average of approx. 3 grams per Kg of mortar.

In any case, we recommend you carry out a test, since depending on the type of cement and aggregates of each mortar or micromortero, as well as of chosen color,

these basic indications can be increased or diminished In this type of products it is advisable to add Mixol to water or kneading solvent, before mixing with the mineral part.

#### PERCENTAGES OF INDICATIVE USE

Depending on the type of products to be pigmented, a maximum of% is usually used MIXOL by weight on the product to be pigmented:

- Water paints and aqueous dispersions: maximum 10%.
- Lacquers and varnishes: approximately 5-8%.
- Acrylic lacquers: approximately 6%.
- Transparent lacquers: approximately 3-5%.
- Silicate or silicone paints: approximately 3%. (Oxides only)
- Mass pigmentation of mortars and microcements: maximum 10%.

NOTE: Read the datasheet of the paint, mortar, coatings or product that go to pigment, since this may indicate limitations on the% of pigmentation based on its white pigment content or acceptance pigmentary of its mineral loads, or compatibility.

In any case when pigment outdoor products, paints and lasures silicate or silicone resin minerals, solvent products dearomatized aliphatic, or products with high alkalinity, always use MIXOL Oxides, those of the Red cover.

#### COMPATIBILITY

Especially when used with lacquers and special paints, we recommend perform a preliminary test confirming its compatibility, and we recommend always mix with electric stirrer or Corob® type turner. One time tinted a small sample of special paint, apply some of the paint tinted on a paper, laboratory knife ... and rub your finger vigorously about it. If after rubbing, the paint does not change color it will mean that MIXOL it is well homogenized, if on the contrary the hue has increased it will be it is necessary to mix again until obtaining a correct homogenization.

#### UV RESISTANCE

Accelerated aging test after 5000 hours of exposure to Xenon light Resistors Time without fading:

Level 7 = 160 hours Xenon = approx. one month of sunlight

Level 8 = 320 hours Xenon

Level 9 = 640 hours Xenon = approx. one year of sunlight

Level 10 = 1250 hours Xenon

Level 11 = 2500 hours Xenon

Level 12 = 5000 hours Xenon = approx. 5 years of sunlight

Colors nº 1, 2, 3, 4, 5, 8, 9, 14, 15, 19, 20, 21, 22, 23, 24, 25, 29, 30, 31, 32, 33 = level 12.

Colors 11, 12, 26, 27, 28 = level 11 at low concentration level 12 at high.

Colors nº 13, 16, 17 = level 10 in low concentration level 11 in high.

Colors nº 7 = level 9 in low concentration level 10 in high.

Colors nº 6, 10, 18 = level 8 in low concentration level 9 in high.

In any case these indications are a basic orientation, and may very much depending on the weather of the country, the sun exposure of the object pigmented, the concentration of pigment used, as well as the quality of the product that has been pigmented.

#### STORAGE

Approximately 4 years in closed containers, in a cool and dry place.

#### PACKING

20 ml, 200 ml and 500 ml plastic containers.

Gold 300 gr Silver and Copper: 200 gr.

#### DISTINCTIVE

No badges are necessary.

For correct handling, request the safety data sheet.

#### DENSITIES

Mixol nº 1 - Black: 1.22 Kg / Liter

Mixol nº 2 - Shadow: 1.39 Kg / Liter

Mixol nº 3 - Brown Deer: 1.61 Kg / Liter

Mixol nº 4 - Red oxide: 1.58 Kg / Liter

Mixol nº 5 - Ocher: 1.73 Kg / Liter

Mixol nº 6 - Corn yellow: 1.07 Kg / Liter

Mixol nº 7 - Canary yellow: 1.18 Kg / Liter

Mixol nº 8 - Green: 1.27 Kg / Liter

Mixol nº 9 - Blue: 1,17 Kg / Liter

Mixol nº 10 - Red: 1,19 Kg / Liter

Mixol nº 11 - Violet: 1,19 Kg / Liter

Mixol nº 12 - Pine green: 1.47 Kg / Liter  
 Mixol nº 13 - Grass green: 1.24 Kg / Liter  
 Mixol nº 14 - Oxide green: 1.63 Kg / Liter  
 Mixol nº 15 - Olive green: 1.62 Kg / Liter  
 Mixol nº 16 - Linden Green: 1,56 Kg / Liter  
 Mixol nº 17 - Mustard: 1,51 Kg / Liter  
 Mixol nº 18 - Orange: 1.17 Kg / Liter  
 Mixol nº 19 - Camel: 1.70 Kg / Liter  
 Mixol nº 20 - Chestnut: 1,70 Kg / Liter  
 Mixol nº 21 - Brown Earth: 1.67 Kg / Liter  
 Mixol nº 22 - Tobacco: 1.73 Kg / Liter  
 Mixol nº 23 - Dark Brown: 1.89 Kg / Liter  
 Mixol nº 24 - Stone gray: 1.96 Kg / Liter  
 Mixol No. 25 - White: 1.74 Kg / Liter  
 Mixol nº 26 - Authentic Yellow: 1.16 Kg / Liter  
 Mixol nº 27 - Authentic Red: 1.20 Kg / Liter  
 Mixol nº 28 - Authentic Rose: 1.16 Kg / Liter  
 Mixol nº 29 - Elite black oxide: 2.30 Kg / Liter  
 Mixol No. 30 - Yellow Elite Oxide: 2.21 Kg / Liter  
 Mixol No. 31 - Elite Oxide Green: 2.31 Kg / Liter  
 Mixol No. 32 - Elite Oxide Blue: 2.10 Kg / Liter  
 Mixol Oro - Already supplied by weight  
 Mixol Plata - Already supplied by weight  
 Mixol Bronze - Already supplied by weight

#### CONCENTRATES OF METAL EFFECT

Consult the possibilities of combination with the colors Silver, Copper, Gold. Mixol metal effect concentrates are water soluble pigment pastes, with high percentages of gold bronze pigments, aluminum and teenagers. The metallic effect reaches its maximum efficiency when Mixol concentrates are added to colorless bases.

Depending on the amount of concentrate added, effects are achieved from slightly glowing to metallic effects of gold, silver or copper.

The addition of Mixol concentrated pigments allows a limited number of shades to be achieved.

#### LEGAL NOTE:

Comercialized by: ESTECHA REPRODUCCIONES S.L.

Made by:

FAKOLITH CHEMICAL SYSTEMS, S.L.U. applies a quality management system, certified by TÜV Rheinland Cert GmbH No. 01100071679/02, ISO 9001: 2008.

FAKOLITH CHEMICAL SYSTEMS, S.L.U. FAKOLITH group company in Spain, is a manufacturer, importer and marketer of paints and special industrial treatments, in accordance with its corporate purpose, and the legal responsibility for the application of the products is always beyond our reach. This technical information, as well as the recommendations regarding the application and final use of the product, are always given in good faith, are based on our current knowledge and experience, when within the product's useful life, they are correctly handled and applied, in standard situations. In practice, the possible differences in the actual materials, supports and conditions at the place of application are of such diversity, that it cannot be deduced from the information in this document, or from any other written recommendation, or from any advice offered, no guarantee in terms of commercialization, or suitability for particular purposes, nor any obligation outside any legal relationship that may exist, except for deficiencies in the quality of our materials caused by production failures. This information is not exempt for the buyer and / or applicator and / or end user to determine if our offer, technical recommendation or the quality and characteristics of our products, meet your needs. Fakolith reserves the right to update the properties and specifications of the products in order to improve our recommendations and adapt to current regulations. A new edition of this document with a later date cancels the validity of its previous version.

FAKOLITH CHEMICAL SYSTEMS, S.L.U. It has a product liability policy with international coverage, except the USA and Canada, of up to three million euros.