



Mixonyl


B2B

Highly concentrated pigment preparations for construction chemicals coloring:

- *indoor and outdoor dispersion paints and plasters*
- *concrete products as paving blocks etc.*
- *enamels, varnishes, stains and sealers for wood, adhesives, etc.*

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	MIXONYL		Pigment content approx. %	Density (g/ml)	Light fastness		Weathering fastness	
	Colour name	Colour Index			Full tone	Reduction	Full tone	Reduction
Organic pigments								
1	Yellow 5GX	Yellow 74	40	1,13	6	5	3-4	2
2	Yellow H3G	Yellow 154	30	1,13	8	7-8	5	4-2
3	Yellow 2GX	Yellow 74	36	1,16	7	6-7	4	3
4	Yellow RR	Mix	30	1,14	7	6-7	4	3
5	Orange 2G	Mix	36	1,15	6-7	5-6	3-4	3
6	Orange HL	Orange 36	40	1,20	8	7-8	5	4-5
7	Red GG	Orange 5	38	1,20	6-7	5-6	3-4	3
8	Red DPP	Red 254	50	1,23	8	7-8	4-5	4
9	Red FGR	Red 112	40	1,12	7-8	6	4-5	3
10	Magenta	Red 122	35	1,10	7-8	7	4-5	4
11	Violet RL	Violet 23	14	1,08	7-8	7	4-5	4
12	Blue A4R	Blue 15:1	38	1,16	8	7-8	5	4-5
13	Blue B2G	Blue 15:3	40	1,20	8	7-8	5	4-5
14	Green G	Green 7	39	1,28	8	7-8	5	4-5
15	Black B	Black 7	35	1,22	8	8	5	5
Inorganic pigments								
16	Oxide Yellow BV	Yellow 184	15	1,15	8	8	5	5
17	Oxide Yellow	Yellow 42	55	1,70	8	8	5	5
18	Oxide Red	Red 101	60	1,90	8	8	5	5
19	Oxide Brown	Mix	60	1,83	8	8	5	5
20	Oxide Dark Brown	Mix	47	1,61	8	8	5	5
21	Oxide Green G	Green 17	38	1,43	8	8	5	5
22	Oxide Black	Black 11	44	1,51	8	8	5	5
23	Titanium White	White 6	50	1,60	8	8	5	5

MIXONYL			Colour sample	Indoor dispersion paints and plasters	Outdoor dispersion paints and plasters	Silicates/ Silicones/ Lime/ Cement	Wood enamels and varnishes
Colour name	Colour Index						
Organic pigments							
1	Yellow 5GX	Yellow 74		yes	no	no	no
2	Yellow H3G	Yellow 154		yes	yes*	no	yes*
3	Yellow 2GX	Yellow 74		yes	no	no	no
4	Yellow RR	Mix		yes	no	no	no
5	Orange 2G	Mix		yes	no	no	no
6	Orange HL	Orange 36		yes	yes*	no	yes*
7	Red GG	Orange 5		yes	no	no	no
8	Red DPP	Red 254		yes	yes*	no	yes*
9	Red FGR	Red 112		yes	yes*	no	yes*
10	Magenta	Red 122		yes	yes*	no	yes*
11	Violet RL	Violet 23		yes	yes*	no	yes*
12	Blue A4R	Blue 15:1		yes	yes*	no	yes*
13	Blue B2G	Blue 15:3		yes	yes*	no	yes*
14	Green G	Green 7		yes	yes*	no	yes*
15	Black B	Black 7		yes	tak	no	yes
Inorganic pigments							
16	Oxide Yellow BV	Yellow 184		yes	yes	yes	yes
17	Oxide Yellow	Yellow 42		yes	yes	yes	yes
18	Oxide Red	Red 101		yes	yes	yes	yes
19	Oxide Brown	Mix		yes	yes	yes	yes
20	Oxide Dark Brown	Mix		yes	yes	yes	yes
21	Oxide Green G	Green 17		yes	yes	yes	yes
22	Oxide Black	Black 11		yes	yes	yes	yes
23	Titanium White	White 6		yes	yes	yes	yes

* For full colors resistance is sufficient. White-based colors may fade/ be insufficiently resistant.

MIXONYL Pigment Preparations

Product description:

- Highly concentrated, water dilutable pigment preparations in the form of pastes containing nonionic and / or anionic dispersants, wetting agents and pH stabilizers.
- MIXONYL formulations do not contain any resin, ethylene glycol, heavy metals, volatile organic compounds (VOC) and alkylphenol ethoxylates (APEO).
- The use of selected auxiliary systems provides optimal degree of dispersion of the pigment particles, which provides high tinting strength.
- The unique formula of thick, viscous liquid ensures easy automatic or manual dosing, as well as pouring or pumping.
- MIXONYL preparations guarantee reproducible, economical business solutions. In order to ensure the accuracy and reproducibility of color, each of the MIXONYL formulations is checked by our Quality Control Laboratory. The parameters such as density, viscosity, pH, shade and strength of the color are examined.

Intended use:

- MIXONYL preparation is especially recommended for coloring construction chemicals based on water dilutable synthetic resins for indoor and outdoor use, and in particular for the production of dispersion paints and plasters, enamels, varnishes, stains and sealers for wood, adhesives, etc.
- MIXONYL preparation can also be used for dyeing in the mass such concrete products as paving blocks, cement roof tiles, pavement plates, palisades, etc.
- When mixed with the colored products, the pigments maintain stable product dispersions demonstrating no tendency to agglomeration, sedimentation, and causing no efflorescence.
- MIXONYL preparation can also be used as a dye in the printing industry, textile and leather industry.

Offer:

Our offer includes organic and inorganic pigment pastes with varying degrees of resistance to light, weather conditions, alkaline environment, lime and cement.

MIXONYL formulation is available in 23 colors. It is possible to mix any colors. We propose to develop pigment recipes according to the customer's order (sample, NCS, RAL templates, etc.).

We offer to our clients the necessary knowledge about the applications and dosing of MIXONYL formulations in specific products.

We advise, suggest and optimize recipes in order to achieve the best possible end product.

Method of application:

Prior to application, the paste should be mixed thoroughly. Possible stratification is not a defect of the product. Measure or weigh the required amount of MIXONYL preparation and slowly pour into the dyed product, mixing thoroughly, by hand or mechanically, to obtain a uniform color. While mixing, avoid excessive foaming, which may adversely affect the performance of the applied end product.

The recommended maximum addition of MIXONYL formulation is 5% of the total weight of the finished product.

Transport and storage:

Store and transport in tightly sealed original packages, within the temperature range from 5°C to 40°C.

Packaging:

Packages from 1 to 120 kg, according to the customer's order.

Warranty period:

36 months.

Important:

The strength and durability of the stained coating system, both for indoor and outdoor use, is influenced by such factors as: the type of the coating system - the type of binder and the volume concentration of the filler (PVC) vapor permeability of the coating, pH of the substrate, physical and chemical properties of the pigment, pigment concentration in the finished product, compliance with the rules of the construction trade.

Pigment content

The pigment content expressed in % by weight is specified as an approximate value. The adopted standardization criterion is the tinting strength of the formulation.

Density

The density expressed in g/ml is specified as a mean/approximate value.

Full tone

5% by weight addition of MIXONYL to transparent emulsion paint.

Reduction

5% by weight addition of MIXONYL to white emulsion paint.

Light fastness

8-grade scale (Xenotest). Information based on the data provided by the pigment manufacturer.

Weathering fastness

5-grade scale, within 12 months under Central European conditions. Information based on the data provided by the pigment manufacturer.