

COLANYL® 100 PIGMENT PREPARATIONS



COLANYL® 100 PIGMENT PREPARATIONS

Tinting pastes for water-based decorative paints

- A comprehensive range of binder-free aqueous pigment preparations for water-based decorative paints
- Suitable for manual and automatic dispensing equipment
- Manufactured without using alkyl phenol ethoxylated (APEO) additives
- The efficient solution for your demand

RANGE DESCRIPTION

Colanyl 100 is a range of aqueous, binder free pigment preparations that are based on non-ionic and/or anionic wetting and dispersing agents. They are manufactured without using alkyl phenol ethoxylated (APEO) additives. The Colanyl 100 range contains volatile organic compounds (VOC). Their rheological profile allows exact dosing in automatic and manual dispensers as well as easy incorporation into the base paints. Furthermore, the processing of Colanyl 100 preparations is facilitated by their excellent stability to settling and skinning. All Colanyl 100 preparations are compatible in all proportions with each other.

APPLICATIONS

The main application fields of the Colanyl 100 range are decorative paints based on aqueous emulsion paints and plasters/renderings based on aqueous polymer dispersions. They can be incorporated into aqueous wood stains, acrylic and polyester casting systems, latex and water resistant inks. They are also compatible with other binder systems e. g. aqueous industrial paints, it is recommended to check the maximum dosage level and compatibility of Colanyl 100 preparations in your paint system.

COLANYL 100

Preparations based on organic pigments. They develop excellent color strength and high chroma in decorative paints. The recommended dosing level is less than 10% (by weight) in the final paint. However a final trial in your paint must be done to determine the optimum amount to be used.

COLANYL OXIDE 100

Preparations based on inorganic pigments. They are particularly recommended for exterior applications. Only the Colanyl Oxide grades should be used in pure silicate paints and silicate emulsion paints due to the high alkalinity and porosity of these systems. The recommended dosing level is up to 10% (by weight) in the final paint. However a final trial in your paint has to be made to determine the optimum amount to be used.

EXTENDER FOR COLANYL 100

Preparation based on a colorless inorganic extender. Colanyl Extender MS 531 has been formulated to allow adjustment of the tinting strength of the Colanyl 100 preparations without affecting their stability or rheological properties.

SPECIFICATION

The specifications of the whole Colanyl 100 range include narrow tolerances for gravimetric and volumetric tinting strength as well as for the colorimetric values dH and dC.

COLANYL 100

Gravimetric tinting strength	± 3%
Volumetric tinting strength	± 5%
dH	± 0.5
dC	± 0.8

THE COLANYL® 100 RANGE



SHADE DEPTHS	SHADE DEPTHS	PRODUCT NAME	COLOUR INDEX	C. I. NO.	PIGMENT CONTENT %	SOLID CONTENT %	WATER %	GLYCOL %	DENSITY g/cm ³
TT	ST 1/25				%	%	%	%	g/cm ³
		COLANYL YELLOW 10G 132	Pigment Yellow 3	11710	35	51	29	20	1.17
		COLANYL YELLOW 50X 131	Pigment Yellow 74	11741	46	54	26	20	1.14
		COLANYL YELLOW FGL 133	Pigment Yellow 97	11767	38	52	30	18	1.12
		COLANYL YELLOW H3G 131	Pigment Yellow 154	11781	30	40	40	20	1.14
		COLANYL YELLOW 20XD 130	Pigment Yellow 74	11741	48	57	18	25	1.17
		COLANYL YELLOW G 132	Pigment Yellow 1	11680	50	56	24	20	1.17
		COLANYL YELLOW HR 132	Pigment Yellow 83	21108	35	55	30	15	1.14
		COLANYL YELLOW HRD 132	Pigment Yellow 83	21108	50	58	27	15	1.19
		COLANYL ORANGE G 131	Pigment Orange 13	21110	40	47	36	17	1.17
		COLANYL RED GG 131	Pigment Orange 5	12075	45	56	24	20	1.20
		COLANYL RED FRLL 131	Pigment Red 9	12460	48	54	26	20	1.16
		COLANYL SCARLET RNX 130	Pigment Red 3	12120	50	59	28	13	1.18
		COLANYL SCARLET GO 131	Pigment Red 168	59300	35	51	29	20	1.22
		COLANYL RED FGRG 130	Pigment Red 112	12370	47	53	21	26	1.18
		COLANYL RED FGR 131	Pigment Red 112	12370	45	53	28	19	1.18
		COLANYL RED E3B 130	Pigment Violet 19	73900	32	47	28	25	1.13
		COLANYL PINK E 130	Pigment Red 122	73915	20	36	44	20	1.12
		COLANYL VIOLET RL 132	Pigment Violet 23	51319	30	45	37	18	1.14
		COLANYL BLUE A2R 131	Pigment Blue 15:1	74160	40	51	31	18	1.21
		COLANYL BLUE B2G 131	Pigment Blue 15:3	74160	47	54	26	20	1.23
		COLANYL GREEN GG 131	Pigment Green 7	74260	50	59	26	15	1.34
		COLANYL BLACK PR 130	Pigment Black 7	77266	30	38	37	25	1.18
		COLANYL BLACK N 131	Pigment Black 7	77266	42	49	31	20	1.27
		COLANYL OXIDE YELLOW BV 100	Pigment Yellow 184	771740	65	72	18	10	2.18
		COLANYL OXIDE YELLOW CR 131	Pigment Brown 24	77310	65	80	5	15	2.18
		COLANYL OXIDE YELLOW R 132	Pigment Yellow 42	77492	66	73	9	18	1.98
		COLANYL OXIDE RED G 130	Pigment Red 101	77491	65	71	11	18	2.17
		COLANYL OXIDE RED B 132	Pigment Red 101	77491	72	77	8	14	2.34
		COLANYL OXIDE BLUE COR 100	Pigment Blue 28	77346	60	67	15	18	1.95
		COLANYL OXIDE GREEN G 131	Pigment Green 17	77288	75	80	10	10	2.56
		COLANYL OXIDE BLACK B 130	Pigment Black 11	77499	54	62	18	20	1.90
		COLANYL WHITE R 130	Pigment White 6	77891	70	77	4	19	2.18

The data presented in this table is meant to provide a general indication and does not represent quality relevant average values. The quality of our preparations is defined by the specifications of the coloristical and rheological values. The Colour Index data relates to the basic pigments.



Sudarshan Chemical Industries Limited
Registered Office

Eleven West Panchshil, 7th Floor, Survey No. 25,
Near PAN Card Club Road, Baner, Pune 411069 (India)

Board line: +91-20-68281200

www.sudarshan.com

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency, or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. * Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.

*For sales to customers located within the United States and Canada the following applies in addition
NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR
A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE. 02/2022

™ Trademark

© Trademark registered in many countries

COA 1021 EN | 03.202