

FOR DECORATIVE PAINTS  
AND COATINGS  
**COLANYL<sup>®</sup> 500, HOSTATINT<sup>™</sup> 500**



# COLANYL® 500

## PIGMENT PREPARATIONS

### RANGE DESCRIPTION

Colanyl 500 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. These aqueous pigment preparations are compatible with water-based low VOC decorative coatings.<sup>[1]</sup> 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 500 preparations is facilitated by their excellent stability to settling and skinning. All Colanyl 500 preparations are compatible in all proportions with each other. Their handling is similar to the Colanyl 100 range.

### APPLICATIONS

The main application fields of the Colanyl 500 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 500 preparations in your paint system.

### RECOMMENDATIONS FOR USE

Colanyl 500 are binder-free pigment preparations. Therefore a dosage level up to 10% (by weight) for the Colanyl Oxide 500 and less than 10% (by weight) for the Colanyl 500 in the final paint are recommended. Since the dosage level influences the paints properties, a final trial in the customer paint must be made to determine the optimal amount to be used.

### COLANYL 500

Preparations based on organic pigments. They develop excellent color strength and high chroma in decorative paints.

### COLANYL OXIDE 500

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.

### EXTENDER FOR COLANYL 500

Preparation based on a colorless inorganic extender. Colanyl Extender MS 531 has been formulated to allow adjustment of the tinting strength of the Colanyl 500 preparations without affecting their stability or rheological properties.

### SPECIFICATIONS

The specifications of the whole Colanyl 500 range include particularly narrow tolerances for gravimetric tinting strength as well as for the colorimetric values dH, dC and dE.

Gravimetric tinting strength	± 2%
Volumetric tinting strength	± 3%
dH	± 0.4
dC	± 0.6
dE	≤ 0.7

<sup>[1]</sup> As defined in EU directive 2004/42/EC, annex II, phase II. Colanyl Blue B2G 530 and Colanyl Violet RL 532 include up to approx. 2200 ppm VOC (Volatile Organic Compounds). All other Colanyl 500 preparations include up to approx. 800 ppm VOC (VOC-test method DIN EN ISO 17895). VOC standards and regulations vary by location. Product specific VOC information is available to customers upon request. It is the responsibility of the coatings manufacturer to determine standard compliance and appropriate claim of their products.

# THE COLANYL® 500 RANGE

SHADE DEPTHS	SHADE DEPTHS	PRODUCT NAME	COLOUR INDEX	C. I. NO.	PIGMENT CONTENT	SOLID CONTENT	WATER	DENSITY
TT	ST 1/25				%	%	%	g/cm <sup>3</sup>
		<b>COLANYL YELLOW 5GX 530</b>	Pigment Yellow 74	11741	40	58	42	1.14
		<b>COLANYL YELLOW FGL 531</b>	Pigment Yellow 97	11767	38	65	35	1.15
		<b>COLANYL YELLOW H3G 530</b>	Pigment Yellow 154	11781	30	47	53	1.13
		<b>COLANYL YELLOW 2GXD 530</b>	Pigment Yellow 74	11741	41	61	39	1.19
		<b>COLANYL YELLOW G 530</b>	Pigment Yellow 1	11680	45	64	36	1.17
		<b>COLANYL YELLOW HRD 530</b>	Pigment Yellow 83	21108	50	69	31	1.18
		<b>COLANYL ORANGE H5GD 500</b>	Pigment Orange 62	11775	30	63	37	1.17
		<b>COLANYL RED GG 531</b>	Pigment Orange 5	12075	45	67	33	1.24
		<b>COLANYL SCARLET GO 533</b>	Pigment Red 168	59300	36	62	38	1.24
		<b>COLANYL RED D3GD 532</b>	Pigment Red 254	56110	50	66	34	1.24
		<b>COLANYL RED HF3S 530</b>	Pigment Red 188	12467	40	60	40	1.16
		<b>COLANYL RED FGRD 530</b>	Pigment Red 112	12370	45	61	39	1.17
		<b>COLANYL RED FGR 531</b>	Pigment Red 112	12370	47	70	30	1.20
		<b>COLANYL RED E3B 531</b>	Pigment Violet 19	73900	30	59	41	1.14
		<b>COLANYL PINK E 532</b>	Pigment Red 122	73915	20	56	44	1.08
		<b>COLANYL PINK E-WD 531</b>	Pigment Red 122	73915	32	57	43	1.14
		<b>COLANYL VIOLET RL 532</b>	Pigment Violet 23	51319	30	57	43	1.12
		<b>COLANYL BLUE A2R 531</b>	Pigment Blue 15:1	74160	40	62	38	1.20
		<b>COLANYL BLUE B2G 530</b>	Pigment Blue 15:3	74160	45	61	39	1.23
		<b>COLANYL GREEN GG 531</b>	Pigment Green 7	74260	50	71	29	1.34
		<b>COLANYL BLACK N 530</b>	Pigment Black 7	77266	43	63	37	1.28
		<b>COLANYL BLACK N 511</b>	Pigment Black 7	77266	40	61	39	1.25
		<b>COLANYL OXIDE YELLOW BV 531</b>	Pigment Yellow 184	771740	65	80	20	2.22
		<b>COLANYL OXIDE YELLOW R 532</b>	Pigment Yellow 42	77492	64	78	22	2.00
		<b>COLANYL OXIDE RED G 531</b>	Pigment Red 101	77491	65	79	21	2.16
		<b>COLANYL OXIDE RED B 531</b>	Pigment Red 101	77491	70	83	17	2.35
		<b>COLANYL OXIDE BLUE COR 531</b>	Pigment Blue 28	77346	62	79	21	1.96
		<b>COLANYL OXIDE GREEN G 531</b>	Pigment Green 17	77288	75	87	13	2.59
		<b>COLANYL OXIDE BLACK B 533</b>	Pigment Black 11	77499	53	71	29	1.80
		<b>COLANYL OXIDE BLACK IR 531</b>	Pigment Green 17	177288	70	84	16	2.38
		<b>COLANYL WHITE R 530</b>	Pigment White 6	77891	65	82	18	2.04
		<b>COLANYL EXTENDER MS 531</b>	—	—	60	78	22	1.68

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.

# HOSTATINT™ 500

## MULTIPURPOSE TINTING PASTES

### RANGE DESCRIPTION

Hostatint 500 is a range of binder-free pigment preparation and manufactured without using ethoxylated alkyl phenol (APEO) additives. These multipurpose preparations are compatible with water-based low VOC decorative coatings<sup>[1]</sup> and solvent-based decorative coatings. When used in manual or automatic dispensers, these multipurpose pigment preparations show excellent accuracy and reliability when being poured or pumped.

### APPLICATIONS

The Hostatint 500 preferred field of application is decorative paints based on aqueous polymer dispersions of all kinds and solvent-based long-oil alkyd resin paints. They may be fully compatible with other binder systems, e. g. industrial paints, but this should be confirmed by product specific trials. The individual grades are miscible in all proportions with each other and can also be used as a Colanyl® 500 grade.

### RECOMMENDATIONS FOR USE

Hostatint 500 are binder-free pigment preparations. Therefore a dosage level up to 10 % (by weight) for the Hostatint Oxide 500 and less than 10 % (by weight) for the Hostatint 500 in the final paint are recommended. Since the dosage level influences the paints properties, a final trial in the customer paint must be made to determine the optimal amount to be used.

### HOSTATINT 500

Multipurpose preparations based on organic pigments. They develop excellent color strength and high chroma in the base paints.

### HOSTATINT OXIDE 500

Multipurpose preparations based on inorganic pigments. They are particularly recommended for exterior applications.

### HOSTATINT EXTENDER MS 532 AND HOSTATINT EXTENDER CC 532

Preparations based on a colorless inorganic extender. Thanks to these colorless preparations, the color strength of the Hostatint 500 preparations can be adjusted without modifying their stability and rheological properties.

### SPECIFICATIONS

The specifications of the whole Hostatint 500 range include extra narrow tolerances for gravimetric tinting strength as well as for the colorimetric values of dH and dC.

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

<sup>[1]</sup> As defined in EU directive 2004/42/EC, annex II, phase II. VOC standards and regulations vary by location. Product specific VOC information is available to customers upon request. It is the responsibility of the coatings manufacturer to determine standard compliance and appropriate claim of their products.

# HOSTATINT™ 500 RANGE

SHADE DEPTHS	SHADE DEPTHS	PRODUCT NAME	COLOUR INDEX	C. I. NO.	PIGMENT CONTENT	SOLID CONTENT	WATER	DENSITY
TT	ST 1/25				%	%	%	g/cm <sup>3</sup>
		<b>HOSTATINT YELLOW 12G 531</b>	Pigment Yellow 3	11710	40	63	37	1.18
		<b>HOSTATINT YELLOW 2GXD 531</b>	Pigment Yellow 74	11741	40	65	35	1.15
		<b>HOSTATINT YELLOW 4GX 531</b>	Pigment Yellow 73	11738	38	63	37	1.16
		<b>HOSTATINT YELLOW FGL 532</b>	Pigment Yellow 97	11767	40	61	39	1.14
		<b>HOSTATINT YELLOW HR 533</b>	Pigment Yellow 83	21108	15	57	43	1.09
		<b>HOSTATINT ORANGE HLD 533</b>	Pigment Orange 36	11780	20	60	40	1.13
		<b>HOSTATINT SCARLET GO 531</b>	Pigment Red 168	59300	35	61	39	1.24
		<b>HOSTATINT RED FGR 532</b>	Pigment Red 112	12370	21	51	49	1.13
		<b>HOSTATINT RED D3GD 532</b>	Pigment Red 254	56110	30	61	39	1.15
		<b>HOSTATINT PINK E 532</b>	Pigment Red 122	73915	20	44	56	1.10
		<b>HOSTATINT VIOLET RL 533</b>	Pigment Violet 23	51319	15	48	52	1.11
		<b>HOSTATINT BLUE B2G 531</b>	Pigment Blue 15:3	74160	30	57	43	1.14
		<b>HOSTATINT GREEN GG 531</b>	Pigment Green 7	74260	30	61	39	1.18
		<b>HOSTATINT BLACK GR 532</b>	Pigment Black 7	77266	20	54	46	1.13
		<b>HOSTATINT OXIDE YELLOW BV 531</b>	Pigment Yellow 184	771740	65	85	15	2.07
		<b>HOSTATINT OXIDE YELLOW R 533</b>	Pigment Yellow 42	77492	60	81	19	1.87
		<b>HOSTATINT OXIDE RED B 533</b>	Pigment Red 101	77491	68	85	15	2.24
		<b>HOSTATINT UMBER KT 533</b>	Mix	–	65	96	4	2.03
		<b>HOSTATINT OXIDE BLUE COR 531</b>	Pigment Blue 28	77346	65	85	15	2.05
		<b>HOSTATINT OXIDE GREEN CO 533</b>	Pigment Green 50	77377	65	89	11	2.06
		<b>HOSTATINT OXIDE GREEN G 532</b>	Pigment Green 17	77288	60	79	21	2.16
		<b>HOSTATINT OXIDE BLACK B 533</b>	Pigment Black 26	77537	70	92	8	2.34
		<b>HOSTATINT WHITE R 531</b>	Pigment White 6	77891	70	89	11	2.17
		<b>HOSTATINT EXTENDER MS 532</b>	–	–	55	78	22	1.59
		<b>HOSTATINT EXTENDER CC 532</b>	–	–	30	61	39	1.28

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 relate to the basic pigments.

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