



High-performance colorants and tinting systems

HEUCOTINT™

heubach
COMPETENCE IN COLOR



About us

Heubach is a leading, global manufacturer of pigments and pigment dispersions. A 210-year history of expertise combined with ongoing innovations has enabled our continued growth.

This has been accomplished by providing our customers with products that allow them to succeed in their respective markets.

The backward integration into organic and inorganic pigments enables us to adapt the pigments to the specific application requirements. This essential advantage incorporates the Heubach pigment know-how into our colorants and tinting systems which allows us to offer the finest selection and the optimum solution for our customers.

These benefits ensure more economical and quality-controlled production of performance optimized colorants.

Heubach is committed to reduce the environmental impact throughout the manufacture of its products.

In order to meet the criteria for highest standards of environmental performance and quality our production process is adapted to technical innovation.



HEUCOTINT™ Colorants & Tinting Systems

Heubach's extensive know-how in the development and production of pigments, dispersions and colorants has positioned itself as a leading supplier of high-performance colorants and tinting system solutions. Heubach carefully selects the pigments to be included in the different colorants by combining our know-how as a pigment manufacturer with the specific customers' requirements regarding the tinting system.

The product portfolio has been continuously expanded enabling us to be a full service supplier for the tinting of water based façade paint and plaster as well as all kind of universal architectural applications.

The HEUCOTINT™ colorants for the tinting of water based building products and universal architectural applications are based on a well-balanced mixture of highly and medium concentrated colorants for high quality tinting in both point-of-sales and in-plant applications.

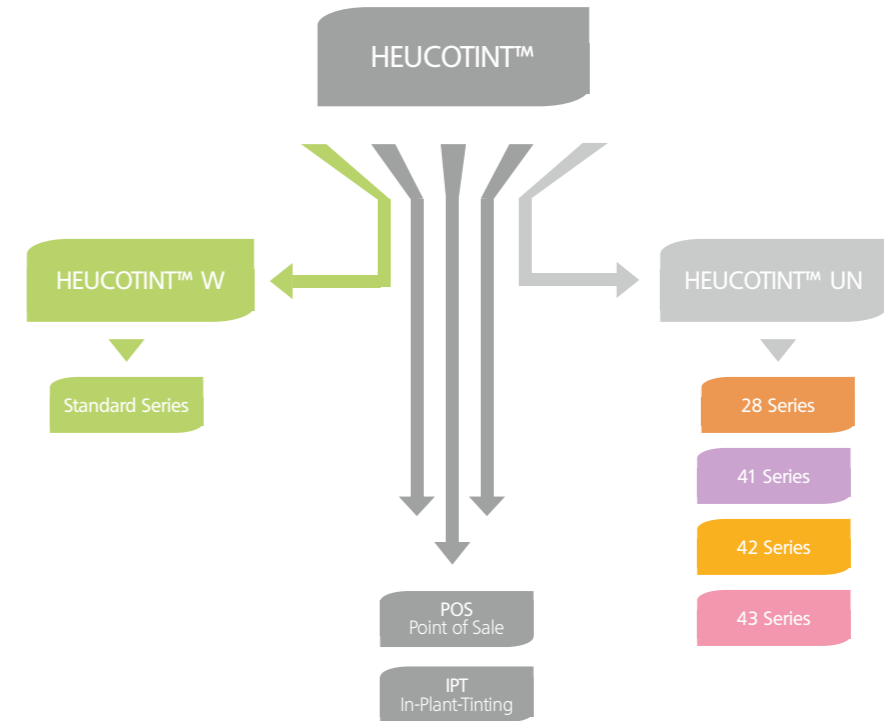
All colorants are VOC-* and APEO-free and therefore are in compliance with the latest ecological requirements.

HEUCOTINT™ colorants are controlled by very precise and tight specifications in order to guarantee a high degree of color accuracy, reproducibility, color shade, strength and rheological properties.

The high-performance organic and inorganic pigmentation allows for complete coverage of the color spectrum without compromising requirements such as opacity, cost effectiveness, light fastness and weather resistance.

The enhanced formulation technology of HEUCOTINT™ colorants ensures color consistency and reproducibility at the point-of-sale.

* (typ. < 1g/l)



HEUCOTINT™ W

The outstanding performance of the HEUCOTINT™ W Series sets the benchmark for a wide range of applications. It is specifically tailored for the coloring of water based decorative and architectural paints and coatings. The HEUCOTINT™ W Series is designed to offer high color strength with excellent fastness properties. The product portfolio includes a broad selection of inorganic pigments, which makes them especially suitable for high demanding façade applications.

So, these products can be used in silicone, silicate or synthetic based resins of exterior paints and plasters.

The colorants show very precise and tight specifications in order to control the rheological properties which makes them ideally suited for use in both in-plant- and point-of-sales systems.

HEUCOTINT™ UN

The universal colorant systems from Heubach are designed for tinting a wide variety of architectural applications. These colorants provide optimized solutions in the new generations of high solid alkyds, alkyd emulsions and accordingly provide significantly improved performance of the final paint.

The HEUCOTINT™ UN systems are suitable for the tinting of a broad range of water and solvent based products such as latex paints, long-oil alkyds, high solid alkyds, wood stains and mineral binder systems. The UN Series fulfill the highest demands in terms of customer requirements and regulatory compliance.

All colorants are machine-dispensable (POS, IPT) and are formulated by using the specially developed Heubach surfactant package to achieve optimum performance in base materials with an extremely wide variety of base technologies.



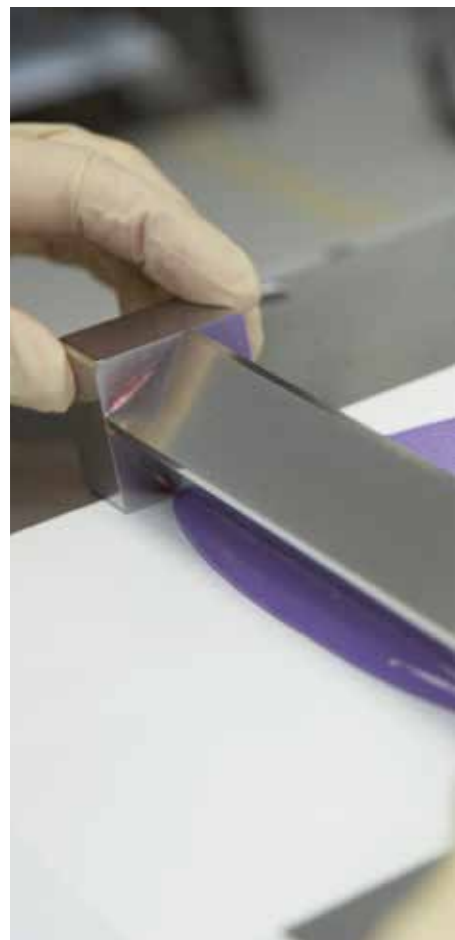
HEUCOTINT™ UN 28

The unique HEUCOTINT™ UN 28 Series is the tailor-made solution for high quality and future-oriented coloring of high-performance decorative coatings. These colorants provide further enhancements regarding compatibility with the new high solid paints and compliance with the latest VOC regulations

By careful selection of organic and inorganic pigments this series consists of a wide range of colorants generating the highest tinting strength with brilliant colors and a variety of color shades.

The universal colorants offer outstanding advantages on properties such as drying, levelling, gloss and therefore an enhanced performance of the final paint.

The specially designed formulation technology guarantees a high degree of color accuracy and reproducibility in very precise and tight specifications.



HEUCOTINT™ UN 41, 42 and 43

Heubach has expanded its well-known universal HEUCOTINT™ UN tinting system range of water based, high-performance pigment preparations to include four new tinting lines covering all the different requirements and needs in the market.

The sophisticated formulation technology has been further improved, resulting in a HEUCOTINT™ UN product family which allows the tinting of water- and solvent-based products including silica plasters.

It is also compliant with the current regulatory requirements and environmental labels. All of these colorant tinting systems are specifically designed for point-of-sale tinting (POS) as well as for in-plant applications (IPT).

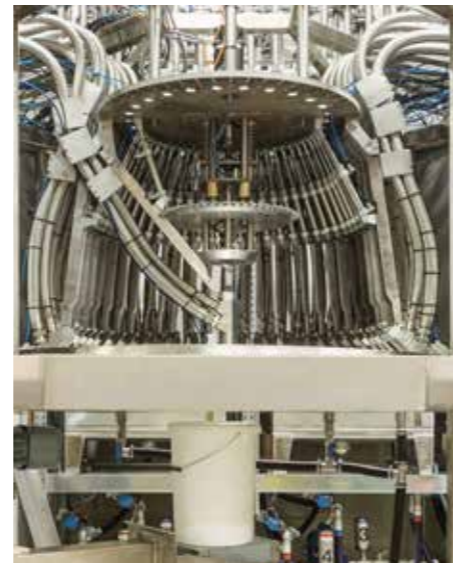


Heubach's Colorant Technology Concept

The new HEUCOTINT™ UN Series are based on a cutting-edge, highly flexible production technology which uses a standard set of highly concentrated specially designed base colorants to yield individual colorants which can be mixed according to the customer's requirements. This technology covers the complete color space and allows for the accurate adjustment of the physical parameters.

The concept can be enlarged by adding colorants which will ensure that the future needs and requirements of the market are met. Heubach's comprehensive service package is now complemented by these just-in-time service options which provide the following advantages:

- › Innovative, universal formulation technology
- › Quickest possible development and production of tailor-made colorants
- › Development of any kind of tinting system configuration
- › Highest color accuracy and reproducibility due to very narrow color strength and color shade specification ranges.



Your Benefits

As a leading, independent global manufacturer with unrivalled expertise in pigments and pigment dispersions, Heubach has an outstanding reputation for technical expertise and customer service which has resulted in many long-term customer relationships.

Our backward integration into organic and inorganic pigments allows for a more economical and precisely controlled manufacture of colorants for tinting systems. As a result, we can provide you with the following benefits:

- › Well balanced mixture of highly and medium concentrated colorants for highly economical coloring
- › Broadest compatibility
- › High degree of customization to meet your requirements and to achieve the best solution regarding quality and tinting costs
- › Selection of pigments with outstanding light fastness and weather resistance, which are suitable for exterior & high-performance applications





Technical Service

Heubach provides excellent and comprehensive technical service. Our highly specialized technical team is happy to advise you on any questions relating to color service, product quality, and most importantly questions relating to tinting system components.

This service can range from software to tinting machines including their installation as well as an ongoing service package afterwards.

We are only too glad to advise you on the latest, innovative and cost-effective solutions to your daily challenges. The coloristic and technical support includes:

- › Conducting colorant and base paint compatibility tests
- › Testing and adjustment of base materials
- › Database development and maintenance including color matching

- › Ongoing support such as adjustment and expansion of your tinting system
- › Consultancy on equipment (tinting machines, coloristic software, etc.) and all system implementation steps
- › Accelerated weathering tests using customer base materials (Xenon, UV, Florida, QUV)



HEUCOTINT™ W (Organic)											
Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾	
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali
HEUCOTINT™ W Yellow 1380	Pigment Yellow 138 Quinophthalone Yellow			1.33	40	8	7 - 8	4 - 5	3	5	5
HEUCOTINT™ W Yellow 1540	Pigment Yellow 154 Benzimidazolone Yellow			1.16	32	8	8	5	5	5	5
HEUCOTINT™ W Yellow 0740	Pigment Yellow 74 Arylide Yellow			1.16	45	7 - 8	6 - 7	4 - 5	3	5	5
HEUCOTINT™ W Yellow 0830	Pigment Yellow 83 Diarylide Yellow			1.16	39	7 - 8	6 - 7	4	3 - 4	5	5
HEUCOTINT™ W Red 1685	Pigment Red 168 Anthanthrone Red			1.25	40	8	8	5	5	5	5
HEUCOTINT™ W Red 1120	Pigment Red 112 Naphthol AS Red			1.18	45	7 - 8	6	4 - 5	3	5	5
HEUCOTINT™ W Red 2540	Pigment Red 254 Diketopyrrolo-Pyrrole			1.21	35	7 - 8	7 - 8	4 - 5	4 - 5	5	5
HEUCOTINT™ W Red 1220	Pigment Red 122 Quinacridone Magenta			1.11	26	7 - 8	7 - 8	4 - 5	4	5	5
HEUCOTINT™ W Violet 0230	Pigment Violet 23 Dioxazine Violet			1.25	30	8	7 - 8	4 - 5	4	5	5
HEUCOTINT™ W Blue 1510	Pigment Blue 15:1 Phthalocyanine Blue			1.22	40	8	8	5	4 - 5	5	5
HEUCOTINT™ W Blue 1530	Pigment Blue 15:3 Phthalocyanine Blue			1.27	45	8	8	5	4 - 5	5	5
HEUCOTINT™ W Green 0071	Pigment Green 7 Phthalocyanine Green			1.38	50	8	8	5	4 - 5	5	5























HEUCOTINT™ W (Inorganic)											
Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾	
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali
HEUCOTINT™ W White 0062	Pigment White 6 Titanium Dioxide			2.22	73	8	8	5	5	5	5
HEUCOTINT™ W Yellow 1842	Pigment Yellow 184 Bismuth Vanadate			2.23	65	8	8	5	5	4 - 5	5
HEUCOTINT™ W Yellow 1844	Pigment Yellow 184 Bismuth Vanadate			2.23	65	8	8	5	5	4 - 5	5
HEUCOTINT™ W Yellow 0426	Pigment Yellow 42 Iron Oxide Yellow			1.84	59	8	8	5	5	5	5
HEUCOTINT™ W Yellow 0242	Pigment Brown 24 Chrome Titanium Brown			2.22	70	8	8	5	5	5	5
HEUCOTINT™ W Orange 0429	Pigment Yellow 42 Iron Oxide Yellow			1.90	62	8	8	5	5	5	5
HEUCOTINT™ W Orange 2164	Pigment Yellow 216 Rutile Tin Zinc Orange			2.19	60	8	8	5	5	5	5
HEUCOTINT™ W Red 1015	Pigment Red 101 Iron Oxide Red			2.10	65	8	8	5	5	5	5
HEUCOTINT™ W Red 1014	Pigment Red 101 Iron Oxide Red			2.04	62	8	8	5	5	5	5
HEUCOTINT™ W Violet 0155	Pigment Violet 15 Ultramarine Violet			1.54	55	8	8	4 - 5	4 - 5	1	3 - 4
HEUCOTINT™ W Blue 0280	Pigment Blue 28 Cobalt Blue			1.92	56	8	8	5	5	5	5
HEUCOTINT™ W Blue 0290	Pigment Blue 29 Ultramarine Blue			1.42	53	8	8	5	5	3 - 4	5
HEUCOTINT™ W Green 0170	Pigment Green 17 Chromium Oxide Green			2.25	72	8	8	5	5	5	5
HEUCOTINT™ W Green 0502	Pigment Green 50 Cobalt Green			2.09	68	8	8	5	5	5	5
HEUCOTINT™ W Black 0110	Pigment Black 11 Iron Oxide Black			1.87	55	8	8	5	5	5	5
HEUCOTINT™ W Black 0070	Pigment Black 7 Carbon Black			1.25	42	8	8	5	5	5	5

¹⁾ Information is based on data from pigment supplier
 These information are guidance figures only, testing in customer products is recommended. Light Fastness is measured on a scale from 1 to 8, where 1 = severe change , 8 = no change. Weather Resistance is measured on a scale from 1 to 5, where 1 = severe change , 5 = no change.
 The colors above have been generated electronically and should therefore not be used for comparison purposes.
 The colors are meant to give a first impression of the shade

HEUCOTINT™ UN 28 Series													
Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾			
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali		
HEUCOTINT™ UN 280061 HW	Pigment White 6 Titanium Dioxide			1.94	60	8	8	5	5	5	5		
HEUCOTINT™ UN 281280 LY	Pigment Yellow 128 Diarylide Yellow			1.18	24	7 - 8	7	4	3 - 4	5	5		
HEUCOTINT™ UN 280740 HY	Pigment Yellow 74 Arylide Yellow			1.24	17	7 - 8	6 - 7	4	3	5	5		
HEUCOTINT™ UN 280420 YO	Pigment Yellow 42 Iron Oxide Yellow			1.86	60	8	8	5	5	5	5		
HEUCOTINT™ UN 280429 OO	Pigment Yellow 42 Iron Oxide Orange			1.90	62	8	8	5	5	5	5		
HEUCOTINT™ UN 281102 IY	Pigment Yellow 110 Isoindolinone Yellow			1.27	30	7-8	7 - 8	4 - 5	4 - 5	5	5		
HEUCOTINT™ UN 280730 LO	Pigment Orange 73 Diketopyrrolo-Pyrrole			1.27	16	8	7 - 8	4	3 - 4	5	5		
HEUCOTINT™ UN 280731 DO	Pigment Orange 73 Diketopyrrolo-Pyrrole			1,15	35	7-8	7 - 8	4 - 5	4 - 5	5	5		
HEUCOTINT™ UN 281660 LR	Pigment Red 166 Diarylide Red			1.36	7	7 - 8	7 - 8	4	3 - 4	5	5		
HEUCOTINT™ UN 281120 HR	Pigment Red 112 Naphthol AS Red			1.27	20	7 - 8	6 - 7	4	3	5	5		
HEUCOTINT™ UN 282542 HD	Pigment Red 254 Diketopyrrolo-Pyrrole			1.24	40	8	7 - 8	4 - 5	3 - 4	5	5		
HEUCOTINT™ UN 281122 NR	Pigment Red 112 Naphthol AS Red			1,20	45	7 - 8	6 - 7	4 - 5	3 - 2	5	5		

HEUCOTINT™ UN 28 Series													
Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾			
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali		
HEUCOTINT™ UN 281680 ER	Pigment Red 168 Anthanthrone Red			1,25	38	8	8	5	5	5	5		
HEUCOTINT™ UN 281010 RO	Pigment Red 101 Iron Oxide Red			1.98	60	8	8	5	5	5	5		
HEUCOTINT™ UN 281220 HM	Pigment Red 122 Quinacridone Magenta			1.12	24	8	7 - 8	4	4	5	5		
HEUCOTINT™ UN 280230 LV	Pigment Violet 23 Dioxazine Violet			1.28	8	8	7 - 8	4 - 5	4	5	5		
HEUCOTINT™ UN 281510 LB	Pigment Blue 15:1 Phthalocyanine Blue			1.28	6	8	7 - 8	5	5	5	5		
HEUCOTINT™ UN 281530 HB	Pigment Blue 15:3 Phthalocyanine Blue			1.24	43	8	8	5	5	5	5		
HEUCOTINT™ UN 280070 LG	Pigment Green 7 Phthalocyanine Green			1.38	9	8	8	5	5	5	5		
HEUCOTINT™ UN 280072 HG	Pigment Green 7 Phthalocyanine Green			1.35	45	8	8	5	5	5	5		
HEUCOTINT™ UN 280000 LU	Pigment Mix Umbr			1.42	34	8	8	5	5	5	5		
HEUCOTINT™ UN 280079 LS	Pigment Black 7 Carbon Black (low conc.)			1.38	9	8	8	5	5	5	5		
HEUCOTINT™ UN 280071 HS	Pigment Black 7 Carbon Black (high conc.)			1.23	35	8	8	5	5	5	5		
HEUCOTINT™ UN 280330 MB	Pigment Black 33 Iron Manganese Oxide Black			2,16	65	8	8	5	5	5	5		



















¹⁾ Information is based on data from pigment supplier
 These information are guidance figures only, testing in customer products is recommended. Light Fastness is measured on a scale from 1 to 8, where 1 = severe change , 8 = no change. Weather Resistance is measured on a scale from 1 to 5, where 1 = severe change , 5 = no change.
 The colors above have been generated electronically and should therefore not be used for comparison purposes.
 The colors are meant to give a first impression of the shade

HEUCOTINT™ UN 41 Series													
Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾			
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali		
HEUCOTINT™ UN 410060	Pigment White 6 Titanium Dioxide			1.98	65	8	8	5	5	5	5		
HEUCOTINT™ UN 411380	Pigment Yellow 138 Quinophthalone Yellow			1.36	12	8	7 - 8	5	4 - 5	5	5		
HEUCOTINT™ UN 411381	Pigment Yellow 138 Quinophthalone Yellow			1.28	20	8	7 - 8	5	4 - 5	5	5		
HEUCOTINT™ UN 410741	Pigment Yellow 74 Arylide Yellow			1.30	28	7	5	4 - 5	3	5	5		
HEUCOTINT™ UN 410740	Pigment Yellow 74 Arylide Yellow			1.30	20	7	5	4 - 5	3	5	5		
HEUCOTINT™ UN 410830	Pigment Yellow 83 Diarylide Yellow			1.26	29	7 - 8	6 - 7	3	2 - 3	5	5		
HEUCOTINT™ UN 410420	Pigment Yellow 42 Iron Oxide Yellow			1.80	55	8	8	5	5	5	5		
HEUCOTINT™ UN 411680	Pigment Red 168 Anthanthrone Red			1.30	10	8	8	5	5	5	5		
HEUCOTINT™ UN 411120	Pigment Red 112 Naphthol AS Red			1.30	20	7 - 8	6	4	3	5	5		
HEUCOTINT™ UN 411880	Pigment Red 188 Naphthol AS Red			1.45	10	6 - 7	6 - 7	3 - 4	3 - 4	5	5		
HEUCOTINT™ UN 411121	Pigment Red 112 Naphthol AS Red			1.17	35	7 - 8	6	4	3	5	5		

HEUCOTINT™ UN 41 Series													
Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾			
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali		
HEUCOTINT™ UN 412540	Pigment Red 254 Diketopyrrolo-Pyrrole			1.30	37	8	7 - 8	4 - 5	4	5	5		
HEUCOTINT™ UN 411220	Pigment Red 122 Quinacridone Magenta			1.10	25	8	7 - 8	4	4	5	5		
HEUCOTINT™ UN 411010	Pigment Red 101 Iron Oxide Red			1.89	50	8	8	5	5	5	5		
HEUCOTINT™ UN 410190	Pigment Violet 19 Quinacridone Violet			1.18	13	8	7	5	4	5	5		
HEUCOTINT™ UN 410230	Pigment Violet 23 Dioxazine Violet			1.39	2	7 - 8	7 - 8	4 - 5	4	5	5		
HEUCOTINT™ UN 410360	Pigment Green 36 Phthalocyanine Green			1.42	10	8	8	5	5	5	5		
HEUCOTINT™ UN 410070	Pigment Green 7 Phthalocyanine Green			1.36	20	8	8	5	5	5	5		
HEUCOTINT™ UN 411540	Pigment Blue 15:3 Phthalocyanine Blue			1.35	7	8	8	5	5	5	5		
HEUCOTINT™ UN 411530	Pigment Blue 15:3 Phthalocyanine Blue			1.33	28	8	8	5	5	5	5		
HEUCOTINT™ UN 410000	Pigment Mix Umbr			1.68	35	8	8	5	5	5	5		
HEUCOTINT™ UN 410071	Pigment Black 7 Carbon Black			1.48	9	8	8	5	5	5	5		

¹⁾ Information is based on data from pigment supplier
 These information are guidance figures only, testing in customer products is recommended. Light Fastness is measured on a scale from 1 to 8, where 1 = severe change , 8 = no change. Weather Resistance is measured on a scale from 1 to 5, where 1 = severe change , 5 = no change.
 The colors above have been generated electronically and should therefore not be used for comparison purposes.
 The colors are meant to give a first impression of the shade

HEUCOTINT™ UN
42 Series

Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾	
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali
HEUCOTINT™ UN 420060	Pigment White 6 Titanium Dioxide			1.94	60	8	8	5	5	5	5
HEUCOTINT™ UN 421280	Pigment Yellow 138 Quinophthalone Yellow			1.31	20	8	7	5	4	5	5
HEUCOTINT™ UN 420740	Pigment Yellow 74 Arylide Yellow			1.27	18	7	5	4 - 5	3	5	5
HEUCOTINT™ UN 420420	Pigment Yellow 42 Iron Oxide Yellow			1.81	60	8	8	5	5	5	5
HEUCOTINT™ UN 420730	Pigment Orange 73 Diketopyrrolo-Pyrrole			1.27	15	7 - 8	7 - 8	4 - 5	4 - 5	5	5
HEUCOTINT™ UN 421100	Pigment Mix			1.30	16	7 - 8	7 - 8	5	4 - 5	5	5
HEUCOTINT™ UN 421660	Pigment Red 166 Diarylide Red			1.35	7	7 - 8	7	4	3 - 4	5	5
HEUCOTINT™ UN 421120	Pigment Red 112 Naphthol AS Red			1.28	17	7 - 8	6	4	3	5	5
HEUCOTINT™ UN 421220	Pigment Red 122 Quinacridone Magenta			1.10	27	8	7 - 8	4	4	5	5

HEUCOTINT™ UN
42 Series

Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾	
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali
HEUCOTINT™ UN 421010	Pigment Red 101 Iron Oxide Red			1.98	60	8	8	5	5	5	5
HEUCOTINT™ UN 420230	Pigment Violet 23 Dioxazine Violet			1.32	8	7 - 8	7 - 8	4 - 5	4	5	5
HEUCOTINT™ UN 420070	Pigment Green 7 Phthalocyanine Green			1.36	9	8	7	5	5	5	5
HEUCOTINT™ UN 421510	Pigment Blue 15:1 Phthalocyanine Blue			1.32	5	8	8	5	5	5	5
HEUCOTINT™ UN 421530	Pigment Blue 15:3 Phthalocyanine Blue			1.21	42	8	8	5	5	5	5
HEUCOTINT™ UN 420000	Pigment Mix Umbrä			1.62	30	8	8	5	5	5	5
HEUCOTINT™ UN 420073	Pigment Black 7 Carbon Black (low conc.)			1.48	10	8	8	5	5	5	5
HEUCOTINT™ UN 420072	Pigment Black 7 Carbon Black (medium conc.)			1.35	20	8	8	5	5	5	5
HEUCOTINT™ UN 420071	Pigment Black 7 Carbon Black (high conc.)			1.25	35	8	8	5	5	5	5

¹⁾ Information is based on data from pigment supplier
 These information are guidance figures only, testing in customer products is recommended. Light Fastness is measured on a scale from 1 to 8, where 1 = severe change, 8 = no change. Weather Resistance is measured on a scale from 1 to 5, where 1 = severe change, 5 = no change.
 The colors above have been generated electronically and should therefore not be used for comparison purposes.
 The colors are meant to give a first impression of the shade

HEUCOTINT™ UN 43 Series												
Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾		
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali	
HEUCOTINT™ UN 430060	Pigment White 6 Titanium Dioxide			1.95	65	8	8	5	5	5	5	
HEUCOTINT™ UN 431840	Pigment Yellow 184 Bismuth Vanadate			2.15	58	8	8	4 - 5	4 - 5	5	5	
HEUCOTINT™ UN 431380	Pigment Yellow 138 Quinophthalone Yellow			1.35	31	8	7 - 8	5	4 - 5	5	5	
HEUCOTINT™ UN 430740	Pigment Yellow 74 Arylide Yellow			1.35	18	7 - 8	6 - 7	4	3	5	5	
HEUCOTINT™ UN 432160	Pigment Yellow 216 Tin Zinc Oxide Yellow			2.09	45	8	8	5	5	5	5	
HEUCOTINT™ UN 430420	Pigment Yellow 42 Iron Oxide Yellow			1.84	52	8	8	5	5	5	5	
HEUCOTINT™ UN 430421	Pigment Yellow 42 Iron Oxide Orange			1.86	52	8	8	5	5	5	5	
HEUCOTINT™ UN 430730	Pigment Orange 73 Diketopyrrolo-Pyrrole			1.41	14	8	7 - 8	4 - 5	4 - 5	5	5	
HEUCOTINT™ UN 431120	Pigment Red 112 Naphthol AS Red			1.31	31	7 - 8	6	4	3	5	5	
HEUCOTINT™ UN 432540	Pigment Red 254 Diketopyrrolo-Pyrrole			1.35	30	8	7 - 8	4 - 5	4	5	5	
HEUCOTINT™ UN 431220	Pigment Red 122 Quinacridone Magenta			1.19	20	7 - 8	7 - 8	4	4	5	5	

HEUCOTINT™ UN 43 Series												
Product	Color Index / Chemical Type	Full Shade	Reduction with TiO ₂	Density [g/ml]	Pigment content [%]	Light Fastness ¹⁾		Weather Resistance ¹⁾		Resistance ¹⁾		
						Full tone	Reduction	Full tone	Reduction	Acid	Alkali	
HEUCOTINT™ UN 431010	Pigment Red 101 Iron Oxide Red			1.97	54	8	8	5	5	5	5	
HEUCOTINT™ UN 431011	Pigment Red 101 Iron Oxide Red (bluish)			2.20	51	8	8	5	5	5	5	
HEUCOTINT™ UN 430230	Pigment Violet 23 Dioxazine Violet			1.38	8	8	7 - 8	4 - 5	4	5	5	
HEUCOTINT™ UN 430170	Pigment Green 17 Chromium Oxide Green			2.28	68	8	8	5	5	5	5	
HEUCOTINT™ UN 430070	Pigment Green 7 Phthalocyanine Green			1.41	30	8	7	5	5	5	5	
HEUCOTINT™ UN 430280	Pigment Blue 28 Cobalt Blue			2.10	64	8	8	5	5	5	5	
HEUCOTINT™ UN 430290	NEW Pigment Blue 29 Ultramarine Blue			1.55	60	8	8	5	5	3 - 4	5	
HEUCOTINT™ UN 431530	Pigment Blue 15:3 Phthalocyanine Blue			1.24	37	8	8	5	5	5	5	
HEUCOTINT™ UN 430072	Pigment Black 7 Carbon Black (medium conc.)			1.25	17	8	8	5	5	5	5	
HEUCOTINT™ UN 430071	Pigment Black 7 Carbon Black (high conc.)			1.32	29	8	8	5	5	5	5	
HEUCOTINT™ UN 430330	Pigment Black 33 Iron Manganese Oxide Black			2.08	48	8	8	5	5	5	5	

¹⁾ Information is based on data from pigment supplier
 These information are guidance figures only, testing in customer products is recommended. Light Fastness is measured on a scale from 1 to 8, where 1 = severe change , 8 = no change. Weather Resistance is measured on a scale from 1 to 5, where 1 = severe change , 5 = no change.
 The colors above have been generated electronically and should therefore not be used for comparison purposes.
 The colors are meant to give a first impression of the shade



Our product specifications, application information and any other information in this document is based on our current state of knowledge at the Revision Date mentioned below. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and ourselves.

de.sales@heubachcolor.com
www.heubachcolor.com

heubach
COMPETENCE IN COLOR

02/2019