



Ready-to-use multi-pigment preparations

HEUCOSIN™

heubach
COMPETENCE IN COLOR



HEUCOSIN™

The HEUCOSIN™ products are ready-to-use and customized multi-pigment preparations which have been predispersed and adjusted to the most commonly used shades. All grades exhibit universal processing characteristics and can easily be dispersed in the binder systems usually used in general industrial paints.

To achieve an exceptionally homogeneous structure the different components of a color shade are powdery mixed and milled in a three step process whereby the pigment surfaces are interlocked to each other.

Excellent fastness properties

HEUCOSIN™ pigment preparations not only exhibit very good light and weather fastness as well as excellent resistance to solvents, acids and alkalis, they can be adjusted to all kinds of required fastness and resistance properties.

Value-in-use

Formulation costs with HEUCOSIN™ are lower when compared to the total costs of handling and testing of several monopigments or monopigmented pastes on a commercial scale.

Customers demand

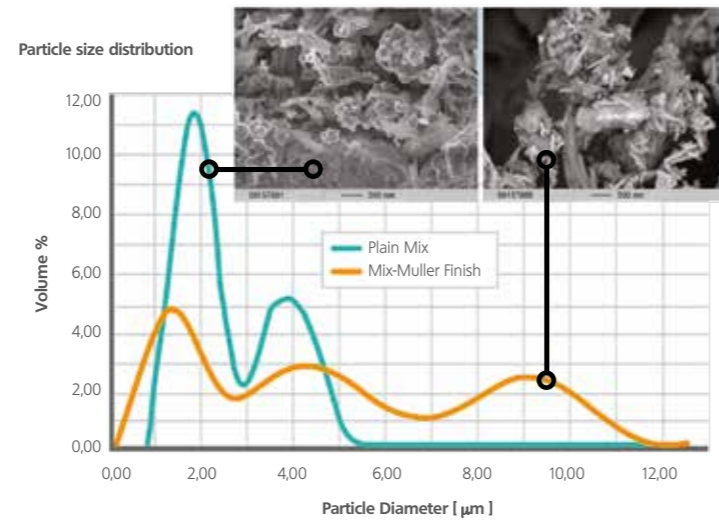
We are able to adjust HEUCOSIN™ pigment preparations to any color shade with all kind of required fastness and resistance properties on our customers demand.

Unique finish technology

The very specific properties of HEUCOSIN™ preparations are the result of a unique finish technology. A combined co-finishing process is used in what is known as mix mulling which includes both, intensive mixing and grinding.

The effects obtained bring about physical interlocking of the pigment surfaces thus minimizing the separation of the predispersed pigments and the floating and flooding phenomenon later during the film formation. In comparison to straight pigment blends the HEUCOSIN™ preparations also exhibit outstanding batch-to-batch consistency which enables the user to create colors which are perfectly uniform. This can be achieved with the existing milling equipment usually used by the industrial paint manufacturers.

It is worthwhile to mention that this ease of processing is based on the physical modification of the pigment surfaces and does not negatively influence the general film properties as can often be observed by the addition of ionic dispersion additives.



HEUCOSIN™ Special (RAL 3013) Tomato Red		Blend	
34.90	L*	38.40	
56.20	a*	55.10	
40.30	b*	40.40	



HEUCOSIN™ (RAL 7031) Blue Grey		Blend	
40.00	L*	44.50	
-2.60	a*	-4.60	
-1.90	b*	-3.60	



HEUCOSIN™ (RAL 6002) Leaf Green		Blend	
32.20	L*	35.40	
-33.00	a*	-32.00	
-24.30	b*	26.90	



HEUCOSIN™ (RAL 7032) Concrete Grey		Blend	
50.60	L*	54.60	
-1.60	a*	-1.30	
6.90	b*	9.00	

Minimized floating & flooding due to interlocking of the pigment surfaces.

RAL	Shade	Name	Fastness Properties				
			Weather	Over-painting	Acid	Alkali	Heat [°C]
1001		G 6191	4 - 5	5	5	5	180
1007		G 5891	4	5	5	4	180
1018		G 7670	4	5	5	3	200
1019		G 2186	4 - 5	5	5	5	180
1021		G 7632	4	5	5	3	200
1023		G 7632	4	5	5	3	200
1028		G 7604	4	5	5	5	200
2000		G 7626	4	4 - 5	5	5	180
2004		G 7627	4	5	5	5	200
3000		G 14676	4 - 5	5	5	5	200
3002		G 14677	4 - 5	5	5	5	200
3003		G 14678	3 - 4	5	5	5	180
3020		G 14697	4 - 5	5	5	5	200
5002		G 1737	4 - 5	5	5	5	160
5002		G 2171	4 - 5	5	5	5	160
5003		G 2017 N	4	5	5	5	160
5007		G 1782	4 - 5	5	5	5	180
5010		G 5303 N	4 - 5	5	5	5	180
5012		G 14555	4 - 5	5	5	5	180
5014		G 3276 N	4 - 5	5	5	5	180
5015		G 1780 N	4 - 5	5	5	5	180
6001		G 6861	4 - 5	5	5	5	160
6002		G 6862	4	5	5	5	200
6005		G 6865	4 - 5	5	5	5	180
6010		G 6860	4 - 5	5	5	5	180
6011		G 1901	4 - 5	5	5	5	180

RAL	Shade	Name	Fastness Properties				
			Weather	Over-painting	Acid	Alkali	Heat [°C]
6011		G 1931	4 - 5	5	5	5	180
6018		G 7671	4 - 5	5	5	3 - 4	200
7000		G 1802 N	4 - 5	5	5	5	180
7001		G 1882	4 - 5	5	5	5	180
7005		G 1927	4 - 5	5	5	5	180
7011		G 2033 N	4 - 5	5	5	5	180
7016		G 1978	4 - 5	5	5	5	180
7023		G 2106	4 - 5	5	5	5	180
7030		G 2229	4 - 5	5	5	5	180
7031		G 1792	4 - 5	5	5	5	180
7032		G 1809 N	4 - 5	5	5	5	180
7035		G 1803	4 - 5	5	5	5	180
8012		G 3489	4 - 5	5	5	5	180
8017		G 1700 N	4 - 5	5	5	5	180

Other HEUCOSIN™- Preparations							
Red		G 14500	4	5	5	5	200
Red		G 14848	4	5	5	5	200
Red		G 7001	4 - 5	5	5	5	200
Blue		G 5000	4 - 5	5	5	5	200
Green		G 5005 N	4 - 5	5	5	5	200
Grey		G 14739	4 - 5	5	5	5	180
Grey		G 7748 N	4 - 5	5	5	5	180
Grey		G 2216 N	4 - 5	5	5	5	180
Grey		G 14329	4 - 5	5	5	5	200
Black		G 5205	5	5	5	5	200
Black		G 5955	5	5	5	5	200

Suitability for food contact applications on request.



Our Service

At Heubach, customer satisfaction comes first. As a supplier of high-quality pigment and pigment preparation solutions we support our customers anywhere where pigments are in use.

With active service centers both globally and regionally we provide our customers with the technical support essential for the implementation of customer-specific requirements and solutions.

Fully equipped technical laboratories and centers enable us to carry out tests for all relevant applications, such as printing inks, paints and coatings, including corrosion protection, coil and powder coatings and plastics.

Custom color adjustments play a significant role both in coatings and plastics applications.

We have extensive expertise in the development of colors for a variety of plastics, paint and coating systems. Depending on fastness properties, application or processing requirements, we can deliver the right color for your application, plastic compounds or even a specific paint system.





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.

sales@heubachcolor.de
www.heubachcolor.com

heubach
COMPETENCE IN COLOR

08/2017