

+ Chroma-Chem® 754

Color Packs for Epoxy Coatings

The Chroma-Chem® 754 colorants have been designed to provide an effective way to tint most epoxy coatings, especially concrete protective floor coatings. These blended colors utilize epoxy masstones to produce an efficient method for in-plant tinting or tinting at the job site.

► Key Benefits

The Chroma-Chem® 754 pigment dispersions for epoxy applications consist of organic and inorganic pigments milled in a 100% solids epoxy system. The bis-A epoxy system has an EEW value between 185 to 192. This epoxy system has a long-term history of excellent performance in epoxy coatings.

The colorants are stabilized through a proprietary additive package to ensure excellent color control. These colorants are compatible with solvent containing and solvent-free 2K epoxy coatings.

These color packs provide a method to produce a consistent finished color in most epoxy coatings systems without having the need to blend multiple colorants together. These colors are packaged in quart containers for job site or small batch tinting and 5 gallon pails for in-plant usage.

► Properties

The rheological properties of these color blends are in a range where they can be easily poured from the container. However, scraping the sides of the container is recommended to ensure all colorant is removed to maintain proper opacity of the coating. Some viscosity increase is expected over time similar to most epoxy systems.

The majority of colors use pigments with excellent lightfastness that provide excellent exterior durability. The safety colors are formulated for interior applications. Exterior use of these colors is not recommended without thorough testing.

► Applications

The 754 colorants are formulated for use in many industrial coatings including, but not limited to concrete protective coatings, high build terrazzo flooring, industrial maintenance paints, and other high performance protective coatings.

These color packs are finished colors and should not be blended together or shaded with additional masstones.

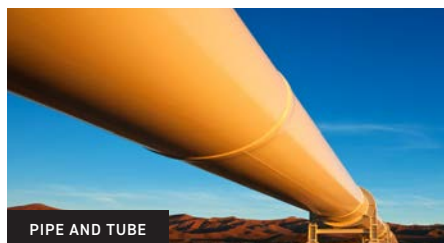
► Compatibility

The 754 Color Pack colorants are compatible with a solvent-based and solvent-free epoxy coatings. These colorants will also be compatible with diluents commonly used in epoxy coatings. However, the level of diluent can affect the performance of the colorants. Color control additives are recommended to be incorporated into the base prior to colorant addition.

► Shelf Life

Proper handling is essential to maintain good quality. It is recommended that the colorants be mixed or shaken prior to use. Containers should be tightly sealed when not in use.

Shelf life on the 754 colorants is 2 years from the date of manufacture in unopened containers. As some viscosity increase is expected, it is important to rotate stock to ensure optimal properties.



Product Code	Description	% Pigment		% Resin		% Other Non-Volatiles		Specific Gravity	VOC ^a g/L	Pigment Lightfastness	Pigment Resistance	
		X Wt.	X Vol.	X Wt.	X Vol.	X Wt.	X Vol.			As Supplied	Acid	Alkali
754-0060	White	75.0	44.3	23.5	52.5	1.5	3.2	2.36	<10	N	N	N
754-1000	Beige	42.7	16.9	55.8	80.7	1.5	2.4	1.63	<10	N	N	N
754-1020	Tan	42.2	16.6	56.0	80.6	1.8	2.8	1.62	<10	N	N	N
754-1050	Khaki	42.9	17.1	54.9	79.4	2.2	3.5	1.65	<10	N	N	N
754-1080	Toffee	42.7	16.9	55.6	80.4	1.7	2.7	1.64	<10	N	N	N
754-2000	Light Gray	43.6	17.5	55.1	80.4	1.3	2.1	1.65	<10	N	N	N
754-2010	Medium Gray	43.1	17.2	55.5	80.6	1.4	2.2	1.65	<10	N	N	N
754-2020	Warm Gray	43.2	17.3	55.3	80.3	1.5	2.4	1.65	<10	N	N	N
754-2030	Natural Gray	43.1	17.2	55.6	80.7	1.3	2.1	1.65	<10	N	N	N
754-2040	Cement Gray	42.9	17.0	55.8	81.0	1.3	2.0	1.65	<10	N	N	N
754-2050	Battleship Gray	41.4	16.1	57.1	81.6	1.5	2.3	1.62	<10	N	N	N
754-2060	Dark Gray	41.7	16.2	56.8	81.4	1.5	2.4	1.63	<10	N	N	N
754-2070	Charcoal	35.5	12.2	64.0	87.0	0.5	0.8	1.53	<10	N	N	N
754-5000	Mint Green	42.4	16.8	56.2	81.1	1.4	2.1	1.62	<10	N	N	N
754-5030	Kelly Green	49.9	15.5	47.2	79.3	2.9	5.2	1.89	<10	N	N	N
754-5050	Bright Green	44.2	16.5	53.5	79.9	2.3	3.6	1.69	<10	N	N	N
754-5080	Forest Green	38.7	15.7	56.2	76.7	5.1	7.6	1.54	<10	N	N	N
754-6010	Safety Yellow	22.0	17.8	74.4	78.1	3.6	4.1	1.20	<10	A	N	N
754-7000	Light Blue	43.6	17.7	55.0	80.1	1.4	2.2	1.66	<10	N	N	N
754-7040	Natural Blue	35.5	14.3	63.5	84.2	1.0	1.5	1.51	<10	N	N	N
754-7070	Deep Blue	26.7	14.2	70.1	81.8	3.2	4.0	1.32	<10	N	N	N
754-8020	Safety Red	19.7	15.5	76.7	80.4	3.6	4.1	1.20	<10	A	N	N
754-8070	Brick Red	50.7	19.0	45.6	74.5	3.7	6.5	1.82	<10	N	N	N
754-9990	Black	50.0	18.5	45.0	72.9	5.0	8.6	1.81	<10	N	N	N

^aTypical values based on ASTM 6886

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Lightfastness and Resistance Key		
N	no bleed/discoloration	* no Florida data, only Fadeometer
S	slight	** no data
A	appreciable	

These colors consist of blends of multiple pigments. The data provided is based on the least durable pigment in the blend. Lightfastness and Resistance information is provided for guidance purposes only. The data should be verified prior to commercialization. Source: NPIRI Raw Materials Data Handbook Volume 4 (Copyright © 2000)



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