

Epoxy Color Paste Pigment

System Three Paste Pigments are solid pigments dispersed in epoxy resin. As such they can be added in large amounts without affecting cured properties. The pigments are not transparent except when added in minute quantities. They may be blended with each other to produce different hues. Since they are dispersed in epoxy resin they require hardener to cure. The easiest way to use these pigments is to add them to the resin side and then add the hardener at the correct ratio for the epoxy system being used. Base the hardener upon the amount of pigmented resin.

The amount of Paste Pigment required to “hide” the substrate to which the pigmented resin system is applied will vary depending upon the substrate color, pigment used, film thickness and the presence of any other fillers. As a starting point use one part of pigment to three parts of resin, Part A. This makes a total of four parts of pigmented resin that requires two parts of hardener for a 2:1 epoxy system (Clear Coat, SilverTip, General Purpose, etc.)

The use of any single pigment is “one dimensional”: When you run out of a batch you simply make another with pigment right out of the jar. There is no need to do any color matching. The situation is more complex when using two or more pigments and unless you have a very accurate scale it is best to make a “master batch” of your combined pigments and use this as needed. This is not a problem since pigments mixed with epoxy resin in any portion are stable. However, the white pigment is very heavy and might settle upon standing so re-mix your master batch before use if it has sat for more than a couple of days.

Although these pigments will make an epoxy coating colored and opaque they will not appreciably change the cured resin’s resistance to UV degradation. Protect the cured epoxy with a clear coating containing a UV filter system where sunlight will be present for long periods of time. System Three’s WR-LPU Clear Topcoat is suitable for this. All epoxy systems yellow slightly over time. This will be apparent only for white pigmented systems. When fresh these are cold white. As they age they morph over into a warmer white. On other colors this is not noticeable.

Note: Do not use Epoxy Paste Pigments to tint our water -borne Topcoat.

Sizes available: 2oz. / 4oz. - Black and White are also available in 32oz.

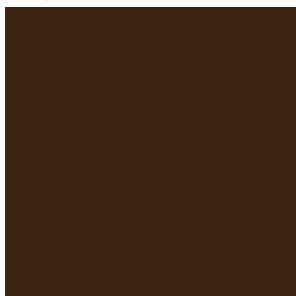
Black



White



Brown



Blue



Yellow



Green



Red



Although these color chips show the colors as accurately as possible, slight variations may be noted between the chips and finished product.

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For health and safety information concerning this product, please refer to the MSDS sheets for Epoxy Paste Pigment. MSDS sheets are available on our website at www.systemthree.com.