

pigment pastes

Pigment pastes are dispersions of pigments into a vehicle and are normally used to colour many different kinds of thermoset resins in all those applications which do not require a coat finishing or they can be used to colour the coating itself.

italbeit s.r.l. has been producing pigment pastes to the highest standards for over 50 years and is world wide known as a quality leader in this particular industry.

Our pigment pastes are formulated with highly selected pigments and solvent free vehicles in order to guarantee batch after batch constant quality and to offer the following advantages :

- ⇒ longer storage stability
- ⇒ lower sedimentation
- ⇒ non flammable products
- ⇒ higher safety profile
- ⇒ no floating and flooding problems

Each production batch undergoes an extensive and thorough testing to verify that the pigment paste conforms to specifications. Maximum tolerance from standard in terms of colour is ± 1 Cie L*a*b* units for Delta C and Delta E in D65. Standard colouring power range is 100 ± 3 .

Grinding vehicles have a large compatibility with most of the thermoset resins normally used. Pigment pastes viscosity and concentration are fine tuned to match clients' requirements.

Organic and inorganic pigments have been selected and tested throughout a constant and deep research in order to guarantee an easy dispersion and top of the class fastness and stability. According to this philosophy we have been decreasing, and now totally banned, the usage of pigments containing lead compound and any other raw material with a dangerous safety profile.

italbeit's pigment pastes are available in a wide range of colours: we have success-

packaging

Kg. 10 / 25 / 250

plastic liner on request

colours

italbeit and Ral colour cards - samples matching

stability

6 months from despatch date, if stored in the original closed pails, between 16°C and 22°C, kept away from heat sources and direct sunlight.

warning

- stir properly before use
- do not smoke, drink or eat while using.
- avoid electrostatic charges
- consult the Material Safety Data Sheet

fully tested our tinting system and with few basic pastes we can obtain any other colours. Our technicians will be pleased to help you in choosing the right product for your application.

using instructions

We normally suggest to add our pigment pastes to the resin under low shear agitation in order to avoid air bubbles entrapment. Pigment pastes must be properly stirred before usage.

Using percentages vary depending on the final result that you want to achieve. Generally speaking, for a transparent or clear effect the amount of pigment pastes should not exceed 0,1/0,2%; for a more hiding application the percentage can be increased up to 5/10%.

applications

plane or corrugated sheets

FRP gratings

toilet seats

casting

quartz surfaces

pultrusion

filament winding

agglomerated marble

SMC & BMC

rods and slabs for buttons

coating

epoxy floor

centrifugal casting

gel coat

solid surface

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note:

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