

Glow in the dark pigment

DESCRIPTION

Glow in the dark pigments also known as luminescent pigments are Phosphorescent powders that absorb both visible light and UV light and illuminate in the dark.

Decorete glow pigments glow significantly stronger and longer than other commercial products.

Decorete glow pigments are easily mixed into Decorete clear artwork resins to produce remarkable art pieces.

FEATURES AND BENEFITS

- Available in 12 colors.
- Long lasting glow after a short charging
- Non-toxic and non-hazardous
- Can dissolve in almost all solvent based mediums
- Customized to be used with Decorete clear epoxy products.

APPLICATION

Depending of used medium and anticipated result 5% up to 20% of pigment by mass is suggested. It is mostly recommended to make some tests before starting main work.

Medium used should be transparent as much as possible to allow pigment to absorb enough light to charge and glow uninterrupted.

Decorete transparent colors can be added to the medium, low amount of coloring are advised as to give a nice color in the day, and at the same time not to minimize or block light absorption and emission.

In case of glow pigments in surface paints, it is advised to apply in 2-3 thin rather than a single thick coat.

It is always recommended to use bright background whenever glow pigments are used, to enhance glowing features.

This product can be dissolved in most solvent based mediums, but not suitable with water base mediums.

TECHNICAL DATA

Temperature resistance	-40 up to 500C.
Lifespan	15 years
Average particle size	100-120um
Afterglow intensity under norm DIN67 510 (mcd/m2)	10s - 14120, 1min - 5132, 5min - 1425, 10min -739 , 30min - 232, 60min - 100, 120min -43 , 600min - 6.

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SAFETY - Health

Use personal protective equipment. Do not allow getting into eyes. In case of eye contact, immediately flush with water for at least 15 minutes. Call a physician. Prolonged breathing will cause throat and lung irritation.

PACKAGING

Decorete glow in the dark pigments are available in 10gm and 50 gm. packs.

SHELF LIFE

One year when stored properly in a dry/moisture free environment.

SERVICES

For further information on this product together with advice on application, please contact the Technical Advisory Department.

WARRANTY (DISCLAIMER)

Decorete® fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case Decorete®'s responsibility shall not exceed either the refund of the purchase

KEEP OUT OF REACH OF CHILDREN