

## PROCEED Pigment

**Dispersions** are concentrated, aqueous dispersions in an acrylic-resin system. Produced with permanent, lightfast pigments and compatible with most waterborne products. DO NOT USE with solvent-based materials. PROCEED Pigment Dispersions are meant for tinting or adjusting the color of the family of PROCEED products as well as other compatible water-based paints, mediums, or texturing products. PROCEED Pigment Dispersions are formulated as an additive only and should **never** be used by themselves.

**NOTE: Before opening a container of PROCEED Pigment Dispersion, vigorously shake the container to make the product homogenous and smooth. Failure to properly shake the product can result in an uneven consistency.**

## PROCEED™ Pigment Dispersions

PROCEED Pigment Dispersions differ from UTCs (Universal Tinting Colorants) by being formulated with an acrylic-resin binder and tailored to work within the PROCEED™ product system. UTCs on the other hand, are glycol-based colorants that need to be compatible with a wide range of systems having vastly different characteristics. As a direct consequence, UTCs cannot produce optimal results and often suffer from both stability issues and weaker tinting strengths. In contrast, creating the PROCEED Pigment Dispersions with an acrylic-resin binder allows us to maximize their performance with less compromise and greater pigment loading. It also allows the colorants to be dispensed into waterborne systems at much higher levels without affecting a product's performance

Unlike acrylic paints, such as GOLDEN Fluid Acrylics and the PROCEED Slow-Drying Fluid Acrylics, PROCEED Pigment Dispersions have a minimum of binder and other additives normally found in a stand-alone paint. Because of this, the dispersions will not form a continuous, durable film, but will allow one to tint a product with little or no impact to a product's specific qualities. For example, using GOLDEN Fluid Acrylics to tint PROCEED painting and glazing mediums can significantly shorten their working time, depending on the amount added, while PROCEED Pigment Dispersions will maintain this open time.

### PRODUCT APPLICATION

#### Adding Pigment Dispersions to Mixtures

Use a maximum 10% (1:10) dispersion to compatible material. Lesser amount will create lighter, more transparent color. Always mix thoroughly until the product has been evenly distributed. Tinting strengths of pigments vary. Always test ratio before use.

### ADDITIONAL INFORMATION

#### Excessive Additions

Use of more than recommended percentage can cause increased water sensitivity and less open time.

**Storage:** Store between 50-80°F / 10-27°C. **DO NOT FREEZE AND DO NOT SHIP OR STORE IN CONDITIONS WHERE PRODUCT MAY BECOME FROZEN.** If frozen repeatedly, the product may become unusable.

MANUFACTURED BY

**GOLDEN**  
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**Lightfastness and Pigment I.D. Chart:**

For Opacity/Transparency, we have determined that an eight-point scale is most appropriate for describing the properties of our colors. We have assigned each color in the chart a number from 1 (most opaque) to 8 (most transparent) to indicate the opacity/transparency of that color. The Color Index is an internationally recognized code assigned to a particular "colorant."

NAME	LIGHTFASTNESS	USAGE	OPACITY/ TRANSPARENCY	COLOR INDEX	CHEMICAL DESCRIPTION
Titanium White	Excellent	Indoor / Outdoor	2	PW 6	Titanium Dioxide Rutile
Carbon Black	Excellent	Indoor / Outdoor	1	PBk 7	Nearly Pure Amorphous Carbon
Quinacridone Magenta	Excellent	Indoor / Outdoor Avoid direct sunlight when used in thin glaze applications.	7	PR 122	Quinacridone
Red Oxide	Excellent	Indoor / Outdoor	1	PR 101	Synthetic Red Iron Oxide
Transparent Red Iron Oxide	Excellent	Indoor / Outdoor	8	PR 101	Synthetic Iron Oxide
Raw Umber	Excellent	Indoor / Outdoor	1	PBr 7	Natural Iron Oxide containing Manganese
Burnt Umber	Excellent	Indoor / Outdoor	2	PBr 7	Calcined Natural Iron Oxide containing Manganese
Yellow Oxide	Excellent	Indoor / Outdoor	1	PY 42	Synthetic Hydrated Iron Oxide
Hansa Yellow Opaque	Excellent	Indoor / Outdoor	5	PY 74	Arylide Yellow 5GX
Phthalo Green (YS)	Excellent	Indoor / Outdoor	3	PG 36	Brominated & Chlorinated Copper Phthalocyanine
Phthalo Blue (GS)	Excellent	Indoor / Outdoor	3	PB 15:4	Copper Phthalocyanine
Ultramarine Blue	Excellent	Indoor Only. Not recommended for outdoor use.	6	PB 29	Polysulfide of Sodium-Alumino- Silicate
Dioxazine Purple	Very Good	Indoor Only. Avoid direct sunlight. Not recommended for outdoor use.	3	PV 23	Carbazole Dioxazine