

Celery



Chamois



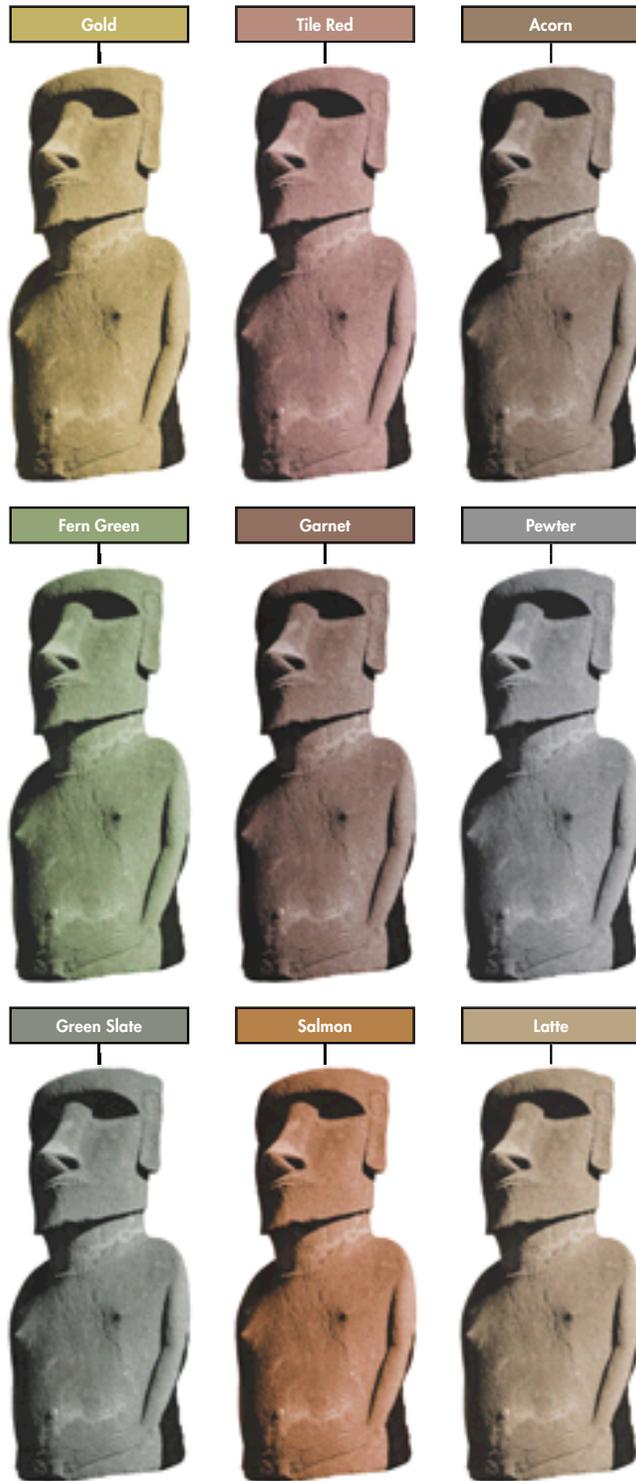
Terra Cotta



What
color
works
for you?

**With
the right
dispenser,
all of them.**





Any color. Any time. Any questions?

The world is a colorful place ... and a place of many choices.

The makers of granulated concrete pigments offer you many choices, as well.

But do those choices give you the flexibility to meet your needs, your customers' needs and your production and cost-containment demands?

Only if you have the right dispensing system.

Because only the **AEROGRAN™** gives you the complete freedom to run any manufacturer's granular color ... in an easily maintained system with a versatile and reliable control system.

Any color. Any time. Any questions?

How does the **AEROGRAN™** work?

The **AEROGRAN™** is a stand-alone system designed to dispense both “C” grade and “G” grade granular pigments—with tremendous precision and complete reliability.

The upper assembly is designed specifically for easy loading and unloading with a forklift or crane.

The heart of the **AEROGRAN™** is a gravity/vibratory feed system that is easy to maintain and less prone to breakdown than screw-fed systems.

The **AEROGRAN™** feeds granules from the bag that the color is shipped in, through a surge hopper to a weigh hopper according to your programming. From there, they are pneumatically conveyed into the mixer.

The brain of the system is an Allen Bradley PLC (microprocessor)-based control system with a touch-screen user interface. Optionally, a PC-based control system utilizing an “off the shelf” personal computer with a standard LCD monitor, keyboard and mouse can be supplied, providing additional data access and network connectivity. It can be programmed with up to 450 different color formulas. It will also allow you to take partial or full manual control of the dispenser at any time during the cycle.

How accurate is it?

The weigh hopper weighs pigment loads with a tolerance of ± 0.01 pounds ... an accuracy of one-tenth of a percent on a 30-pound batch.

Yet it maintains this accuracy without slowing down production, through a fast/slow dispensing feature. The majority of the weigh hopper is filled at a maximum feed rate. At a pre-set cutoff weight, the unit dispenses at a slower speed until it reaches the exact weight.

A user-adjustable Slow Preact allows you to set the weight at which that flow rate changes. A similar Accuracy setting allows you to also vary the point at which flow rate changes from Slow Fill to Shut Off. This means you can compensate for such minute variables as the amount of material in the air between the feed tube and the scale.

Once the pigment is conveyed to the mixer, the **AEROGRAN™** cleans itself with air blasts before the next batch.

Just so you can check your work, an optional printer allows you to produce a detailed batch report, including weights of each color, batch number, time and date.



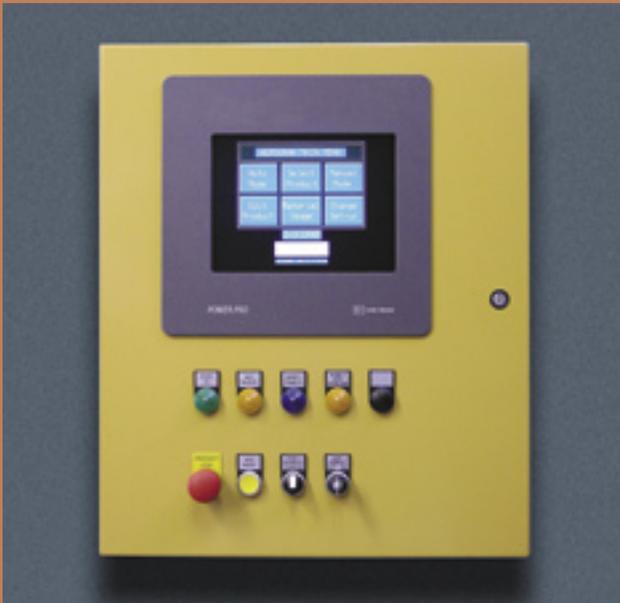


How reliable is the AEROGAN™?

We have **AEROGAN™** dispensers that have been in continuous use for over seven years ... because they're built to run.

The open frame allows easy access for maintenance. The gravity/vibratory feed system means fewer moving parts and is virtually maintenance-free—and can be easily cleaned or cleared of clogs or debris.

The **AEROGAN™** control system is built by the world's leader in industrial controls, and is designed to stand up to the harsh environment of a concrete plant. Unless, of course, you want it located safely out of the way. The control panel can easily be mounted up to 100 feet from the dispenser or up to 10,000 feet if necessary with optional hardware.



What about support?

Eagle Engineering provides on-site startup assistance and training for each **AEROGAN™** it delivers. No matter where it's going. You can call our technical assistance staff toll free at any time throughout the functional life of your **AEROGAN™**. And, finally, we believe our manuals are, far and away, the industry's best.

How versatile is it?

What do you need? A single blend that you run all the time? Or multiple blends for multicolored or variegated units? **AEROGAN'S™** hardware and control system offers you complete flexibility to meet your needs.

Not to mention its biggest advantage—the ability to run any maker's granulated color.



**Any color. Any time.
Any more questions?**

We'd love to talk more about how **AEROGRAN™** can help make your operation more efficient, more profitable ... and more colorful.

Call 1-800-824-1085 or visit eaglecompanies.com, and we'll answer any question. Any time.



AEROGRAN™

Eagle Engineering

Any color. Any time. Any questions?

101 North Industrial Highway
Alpena, Michigan 49707
1-800-824-1085
eaglecompanies.com
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AEROGRAN™ Specifications

Accuracy*	.01 lb.
Repeatability	.02 lb.
Number of stored formulas	120 (single mixer units) 200 (standard on 2 & 3 mixers units) 450 (with optional 5/04 processor)
Multiple blends	Four per formula Five optional (requires hardware)
Formula names	User defined
Color names	User defined
Control system	PLC (A/B SLC™ 5/03, 5/04, 5/05)
Communications ports	Standard 5/03 processor: A/B DH-485™ (available for use) RS-232-C (used by touch screen) Optional 5/04 processor: A/B DH+™ (used by touch screen)◊ RS-232-C (available for use) Optional 5/05 processor: RS-232-C (used by touch screen) Ethernet (available for use)
Number base colors	3, 4 or 5
Inventory control	User defined
Batch printer	Optional
Multiple mixer operation	Optional
Operator interface	Color touch screen
Control	Automatic/Manual
Batch capacity	0.10 lbs to 66 lbs
Typical cycle time, 40 lb. batch.	60 seconds, 4 colors
Alarms	Local, remote
Electrical protection	Circuit breakers
Operating voltage	120 volt, 50/60 Hz.
Air requirements	35 CFM @ 100 psi Instrument quality air (ANSI/ISA S7.0.01-1996)
Air dryer	Required (see above)
Dust collector	Recommended
Maximum dispensing distance	100' of hose (30' rise)†
Space requirements (typical four-color system)	16' high x 16' wide x 4' deep Can be custom built for your facility

SLC, DH-485 and DH+ are trademarks of Rockwell Automation

* User configurable for metric units

◊ Requires R3000 option

† Based on 30 lb. iron oxide, longer distances available with optional booster





AEROGRAFTM

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