

# PENN CAST

LEADING THE WAY IN CAST ACRYLICS





## PENN COLOR IS AN INDUSTRY LEADER

in color concentrates, special effect materials and functional additives for both interior and exterior Cast Acrylic applications.

Penn Color's products are available in either reactive monomer bases or non migrating universal carriers to conform to every storage, handling and applications requirements.

### EXPECT THE BEST FROM PENN COLOR'S COLORANTS

- Easy incorporation with MMA syrup for homogeneous color
- Maximum pigment loading which reduces color usage
- Tight color tolerances for first run capability
- Complete Cast Acrylic color matching library for a wide range of the color spectrum
- Laboratory Scale, Acrylic Sheet casting capability for precise color and transmission measurements

# PENN CAST

BETTER. BRIGHTER. EASIER TO USE.



## PENN COLOR PROUDLY PRESENTS

Penn Cast colorants and color matching system for the Cast Acrylic market. This unique product line offers pigments and dyes across the entire color spectrum to provide great flexibility in the formulation of transparent, translucent and opaque sheets. Built on Windows Server 2012 R2, the system employs encrypted technology; it is safe and accurate.



# PENN CAST

A NEW STANDARD OF EXCELLENCE  
IN CAST ACRYLIC COLORANTS FROM PENN COLOR



Penn Cast color matching system alleviates concerns about scattering and absorption characteristics of pigments and dyes. With this program our customers have the ability to decide which template to use by observing the standard and selecting the opaque, translucent or transparent template loaded in the database.

With decades of experience, Penn Color has mastered the art of color matching. The goal is to quickly achieve excellent visual and numerical results using a state of the art spectrophotometer and the latest software. While the database is located at our Hatfield-PA, USA facility, customers can measure, formulate and correct instantaneously from anywhere in the world. Formulation, correction, and additional tasks can be performed from a single screen. This system is extremely user friendly.

The finest pigments and dyes available on the market have been characterized using laboratory cell cast technique to duplicate production processes as accurately as possible. Penn Cast program is suitable for close accurate matches for both cell and continuous acrylic cast sheet.



**IMAGINATIVE SOLUTIONS FOR** CAST ACRYLIC



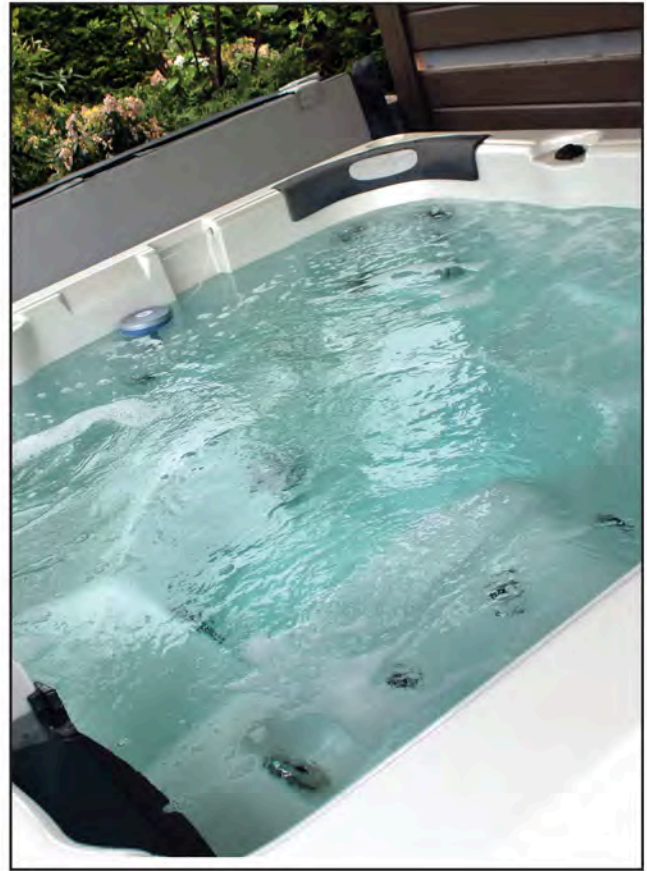
## OUR CUSTOMERS CAN COUNT ON US AS PARTNERS.

We offer excellent support from our central research lab to make our relationship stronger and mutually beneficial. With the ability to select the most economical option, our customers have the flexibility to purchase either single colorants for in house color matching or custom color matches.

### **PENN CAST provides excellent value to our customers:**

- Colormatching licensing fees are provided by Penn Color
- Allows the ability to choose from a broad spectrum of pigments and dyes
- Provides the best possible color matching

Lastly, Penn Cast is a live solution. We support the infrastructure and continuously add new pigments or dyes into the database, which will provide an immediate benefit to our customers.



# EXPECT SUPERIOR RESULTS EVERY TIME







# GOING GREEN

IS ONE OF OUR FAVORITE COLORS

## PENN COLOR HAS INVESTED

both time and resources into becoming a more earth-friendly company by developing initiatives that have resulted in a number of reductions in energy use and waste disposal.

Team members with responsibilities in Environmental Management, Chemical Engineering, Process Engineering and Mechanical Engineering work closely with plant management to identify where production can be improved and waste can be reduced.

We also provide training for key employees to qualify in Six Sigma and Lean Manufacturing Production Practices.

## PENN COLOR'S EARTH-FRIENDLY INITIATIVES INCLUDE:

- Utilization of heat exchangers on process equipment to provide heat in some facilities
- Installation of Regenerative Thermal and Catalytic Oxidizers to significantly reduce volatile organic compounds and hazardous air pollutants
- Installation of energy-efficient lighting along with motion sensors at selected locations
- Recycling of paper, cardboard packaging, scrap metal and other waste for use as a secondary fuel
- Reuse of cardboard gaylords, steel drums and other by-products of the manufacturing process
- Improved inventory programs to track raw materials and finished products to ensure they do not exceed shelf life
- Process improvements that result in better product quality and reduced process time
- Working with our customers to promote low or no VOC products, through the use of vegetable and aqueous based polymers and diluents
- Formulating products that will optimize the conversion of solar energy
- Improved utilization of manufacturing floor space and existing equipment reducing the need for additional equipment and energy usage

For more information, visit our website.



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