

IMAGINATIVE SOLUTIONS FOR  
**COATINGS**

AUTOMOTIVE • INDUSTRIAL • PLASTICS



## AT PENN COLOR, IT'S ALL ABOUT YOU.

Your needs. Your expectations.

Your company's image and reputation.

Penn Color works closely with you to create and manufacture your colorant solutions.

### TO ASSURE YOUR SUCCESS, WE OFFER:

- Direct technical access
- Proprietary formulation development
- Customer and application specific test protocols
- On-going support from commercialization through product life cycle
- In time process management of change support
- Extensive raw material qualification process
- ISO 9001:2008

# “PARTNERSHIP”

## COLLABORATIVE DEVELOPMENT





## PENN COLOR PROVIDES THE

highest quality products which are rigorously tested in our state-of-the-art laboratory to meet each customer's unique specifications.



# RAISING THE BAR IN AUTOMOTIVE & INDUSTRIAL COATINGS FOR MORE THAN 50 YEARS

## OPERATIONS

Penn Color operates 5 manufacturing sites for Industrial Coatings:

- Hatfield, PA
- Elmwood Park, NJ
- Venray, The Netherlands
- Asha Penn Color
- Penn Color Shanghai



## RESEARCH AND DEVELOPMENT

In addition to the color matching laboratories at each site, our Global Research Center is located on our 125 acre campus in Hatfield, PA. This Research Center is home to:

- Extensive analytical and application equipment for diversified industries
- Global sourcing capabilities, global network of suppliers
- Scaling capacity from pilot batches to tank load quantities
- Accelerated and outdoor weathering testing capabilities
- Long Term product development
- Unlimited processing capabilities
- Extension of our customers lab



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## INDUSTRIAL COATINGS

- Penn Color supplies liquid and chip dispersions to the industrial coatings market. For everything from exterior roofing to roads and bridges to wood finishes, our products are custom formulated for our customers' end use.
- Product lines include solvent born, aqueous, 100 % solids, and energy curable technologies
- Extensive color library for indoor and outdoor applications as well as protective clear coatings to meet our customers specific requirements

## AUTOMOTIVE COATINGS

- Penn Color has been a development partner with automotive OEM, refinish and fleet customers for over a half of a century.
- Our products represent a wide array of technologies ranging from traditional solvent born to the latest aqueous and environmental friendly low VOC formulations

- Our newest nano technology allows us to achieve the highest color strength, chroma, and transparency for our customers

## COATINGS FOR PLASTIC

- Penn Colors technology has contributed to the successful evolution of the global electronics market with improved appearance, durability and a variety of color choices.
- Our expansive dispersion pallet provides style and personalization to many of the latest consumer electronics such as cell phones, and lap tops.
- Our high performance products are designed for ease of use in water, solvent, or energy curable systems.





# 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.



400 Old Dublin Pike  
Doylestown, PA 18901  
215.345.6550

2755 Bergey Road  
Hatfield, PA 19440  
215.997.2221

2801 Richmond Road  
Hatfield, PA 19440  
215.997.2221

540 Hackett Mill Road  
Ringgold, GA 30736  
706.937.9200

30 Paul Kohner Place  
Elmwood Park, NJ 07407  
201.791.5100

1474 Putman Parkway  
Milton, WI 53563  
608.868.2905

Smakterweg 31  
5804 AE Venray  
The Netherlands  
+31.478.554000

Plot 808/C Dr. B.A. Road  
Dadar, T.T.  
Mumbai 400-014 India  
+91.22.2414.0020

## PENNCOLOR.COM