



CASE STUDY

Lancaster Science Factory

Lancaster, PA

Products Installed

- EONights — 5,600 SF *in Fish Food*
- ECOfit — *in Mr. Slate & Custom Colors*
- ECOfit Plus — *in Custom Color*
- Cosmos Rx — 1,000 SF *in Halo*

Project Needs

- Attractive
- Easy to Clean
- Slip Resistant

Product Benefits

- Durable
- Ergonomic
- Safe

ECOsurfaces Provides a Safe and Acoustic Environment for Budding Scientists!

About the Project

The Lancaster Science Factory in Lancaster, Pa., is dedicated to increasing children's interests in math and science. In operation since 2008, the Science Factory completed the first phase of its \$3 Million expansion in January 2019. This renovation added 50 percent more space to the facility and now features approximately 5,600 square-feet of ECONights, ECOfit, and ECOfit Plus flooring in the exhibit area and 1,000 of Cosmos Rx flooring in the office area. ECOsurfaces donated all of the surfacing.

"We wanted the new space to be more fun, kid friendly, warm and inviting," said Emily Landis, Executive Director of the Science Factory. Located inside the historic Cork Factory Complex, which was the original site of the Lancaster Cork

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Works built by Dodge's great, great grandfather, George W. Dodge, the Science Factory's surfacing was all polished concrete, prior to the renovation.

One goal of the transformation was to highlight the Science, Engineering, Technology and Mathematics (STEM) trails that meander through the facility by differentiating each area with a unique floor color. The stations include a Water Lab, Flight Test Zone complete with airplane launchers and a Wind Tube, Earthquake Shake Table, Topographic Box, Sustainable Energy Dance Floor, Giant Turntable, and Pneumatic Tubes.

"The flooring is helpful in guiding visitors along the STEM trails," said Landis. "The blue surfacing represents the flight test zone, and the red floor is the engineering test zone. This color coding is reflected in our activity guides and is also helpful on scavenger hunts."

In addition to assisting with way finding, the ECOsurfaces' flooring, which is comprised of vulcanized composition rubber, is slip resistant wet or dry, safer than concrete in the event of a fall, attractive, and easy-to-clean.



The Cosmos Rx surfacing in the offices features 5 millimeters of composition rubber backing fusion-bonded to vinyl sheet. This combination creates a surface that offers enhanced sound control and comfort underfoot.

"We're so grateful for the flooring," said Landis. "The fun colors we selected really unite our facility. The acoustics are also much better. Landis is also thankful for the surfaces' durability. "This is the ultimate environment to test a product," said Landis. "So many, kids, hands and people moving; it's such an active space. This surface will be very well loved."